

## Marcus Hook, PA - Oct 1851

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 4:43  | 5.8 | 5:07  | 6.4 | 11:34 | 0.7 |       |     | 6:01                                                                                | 5:49 |    |
| 2    | Thu | 5:43  | 5.6 | 6:07  | 6.3 | 12:20 | 0.7 | 12:27 | 0.8 | 6:02                                                                                | 5:47 |    |
| 3    | Fri | 6:43  | 5.5 | 7:07  | 6.2 | 1:15  | 0.7 | 1:21  | 0.8 | 6:03                                                                                | 5:46 |    |
| 4    | Sat | 7:42  | 5.5 | 8:04  | 6.2 | 2:10  | 0.7 | 2:16  | 0.8 | 6:04                                                                                | 5:44 |    |
| 5    | Sun | 8:37  | 5.6 | 8:57  | 6.3 | 3:04  | 0.6 | 3:11  | 0.7 | 6:05                                                                                | 5:42 |    |
| 6    | Mon | 9:27  | 5.8 | 9:46  | 6.4 | 3:54  | 0.5 | 4:02  | 0.6 | 6:06                                                                                | 5:41 |    |
| 7    | Tue | 10:13 | 6.0 | 10:31 | 6.4 | 4:40  | 0.4 | 4:52  | 0.5 | 6:07                                                                                | 5:39 |    |
| 8    | Wed | 10:56 | 6.1 | 11:12 | 6.3 | 5:24  | 0.4 | 5:39  | 0.5 | 6:08                                                                                | 5:38 |    |
| 9    | Thu | 11:35 | 6.2 | 11:51 | 6.2 | 6:05  | 0.4 | 6:24  | 0.5 | 6:09                                                                                | 5:36 |    |
| 10   | Fri |       |     | 12:11 | 6.2 | 6:45  | 0.5 | 7:08  | 0.6 | 6:10                                                                                | 5:35 |    |
| 11   | Sat | 12:29 | 6.0 | 12:45 | 6.2 | 7:23  | 0.6 | 7:51  | 0.6 | 6:11                                                                                | 5:33 |    |
| 12   | Sun | 1:04  | 5.9 | 1:16  | 6.3 | 7:58  | 0.7 | 8:33  | 0.7 | 6:12                                                                                | 5:31 |   |
| 13   | Mon | 1:38  | 5.7 | 1:46  | 6.3 | 8:33  | 0.7 | 9:15  | 0.8 | 6:13                                                                                | 5:30 |  |
| 14   | Tue | 2:13  | 5.6 | 2:19  | 6.4 | 9:07  | 0.7 | 10:01 | 0.9 | 6:14                                                                                | 5:28 |  |
| 15   | Wed | 2:51  | 5.4 | 3:00  | 6.4 | 9:45  | 0.7 | 10:51 | 0.9 | 6:15                                                                                | 5:27 |  |
| 16   | Thu | 3:39  | 5.3 | 3:51  | 6.3 | 10:32 | 0.8 | 11:47 | 0.9 | 6:16                                                                                | 5:25 |  |
| 17   | Fri | 4:39  | 5.2 | 4:54  | 6.2 | 11:33 | 0.8 |       |     | 6:17                                                                                | 5:24 |  |
| 18   | Sat | 5:48  | 5.2 | 6:05  | 6.2 | 12:45 | 0.9 | 12:40 | 0.8 | 6:18                                                                                | 5:23 |  |
| 19   | Sun | 6:56  | 5.3 | 7:15  | 6.2 | 1:44  | 0.8 | 1:47  | 0.7 | 6:19                                                                                | 5:21 |  |
| 20   | Mon | 7:59  | 5.6 | 8:20  | 6.4 | 2:43  | 0.6 | 2:53  | 0.6 | 6:20                                                                                | 5:20 |  |
| 21   | Tue | 8:58  | 6.0 | 9:19  | 6.6 | 3:40  | 0.4 | 3:55  | 0.4 | 6:21                                                                                | 5:18 |  |
| 22   | Wed | 9:52  | 6.4 | 10:14 | 6.7 | 4:34  | 0.2 | 4:54  | 0.2 | 6:23                                                                                | 5:17 |  |
| 23   | Thu | 10:43 | 6.8 | 11:05 | 6.7 | 5:25  | 0.1 | 5:49  | 0.1 | 6:24                                                                                | 5:16 |  |
| 24   | Fri | 11:31 | 7.0 | 11:55 | 6.7 | 6:15  | 0.0 | 6:43  | 0.0 | 6:25                                                                                | 5:14 |  |
| 25   | Sat |       |     | 12:20 | 7.1 | 7:04  | 0.0 | 7:35  | 0.0 | 6:26                                                                                | 5:13 |  |
| 26   | Sun | 12:45 | 6.5 | 1:08  | 7.1 | 7:51  | 0.1 | 8:26  | 0.1 | 6:27                                                                                | 5:12 |  |
| 27   | Mon | 1:36  | 6.3 | 1:57  | 7.0 | 8:38  | 0.3 | 9:16  | 0.2 | 6:28                                                                                | 5:10 |  |
| 28   | Tue | 2:27  | 6.0 | 2:46  | 6.8 | 9:24  | 0.4 | 10:06 | 0.4 | 6:29                                                                                | 5:09 |  |
| 29   | Wed | 3:20  | 5.7 | 3:38  | 6.5 | 10:12 | 0.6 | 10:58 | 0.5 | 6:30                                                                                | 5:08 |  |
| 30   | Thu | 4:15  | 5.5 | 4:34  | 6.2 | 11:02 | 0.7 | 11:50 | 0.6 | 6:31                                                                                | 5:06 |  |
| 31   | Fri | 5:13  | 5.3 | 5:33  | 6.0 | 11:54 | 0.8 |       |     | 6:33                                                                                | 5:05 |  |