

## Marcus Hook, PA - Jul 1831

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 3:41  | 6.2 | 4:26  | 5.7 | 11:15 | 0.3 | 11:33 | 0.7 | 4:40                                                                                | 7:37 |    |
| 2    | Sat | 4:38  | 6.0 | 5:23  | 5.9 |       |     | 12:04 | 0.3 | 4:40                                                                                | 7:37 |    |
| 3    | Sun | 5:42  | 5.9 | 6:24  | 6.1 | 12:35 | 0.7 | 12:57 | 0.3 | 4:41                                                                                | 7:37 |    |
| 4    | Mon | 6:48  | 5.7 | 7:24  | 6.3 | 1:39  | 0.7 | 1:54  | 0.3 | 4:41                                                                                | 7:37 |    |
| 5    | Tue | 7:52  | 5.7 | 8:24  | 6.6 | 2:43  | 0.6 | 2:54  | 0.3 | 4:42                                                                                | 7:37 |    |
| 6    | Wed | 8:54  | 5.8 | 9:20  | 6.9 | 3:45  | 0.5 | 3:53  | 0.3 | 4:42                                                                                | 7:36 |    |
| 7    | Thu | 9:52  | 5.9 | 10:14 | 7.1 | 4:44  | 0.3 | 4:50  | 0.3 | 4:43                                                                                | 7:36 |    |
| 8    | Fri | 10:46 | 6.0 | 11:06 | 7.2 | 5:41  | 0.2 | 5:46  | 0.3 | 4:44                                                                                | 7:36 |    |
| 9    | Sat | 11:40 | 6.0 | 11:58 | 7.2 | 6:35  | 0.1 | 6:40  | 0.3 | 4:44                                                                                | 7:35 |    |
| 10   | Sun |       |     | 12:33 | 6.0 | 7:27  | 0.0 | 7:32  | 0.4 | 4:45                                                                                | 7:35 |    |
| 11   | Mon | 12:49 | 7.1 | 1:26  | 6.0 | 8:17  | 0.0 | 8:23  | 0.4 | 4:46                                                                                | 7:35 |    |
| 12   | Tue | 1:41  | 7.0 | 2:18  | 6.0 | 9:05  | 0.0 | 9:13  | 0.5 | 4:46                                                                                | 7:34 |   |
| 13   | Wed | 2:32  | 6.7 | 3:11  | 6.0 | 9:52  | 0.1 | 10:03 | 0.6 | 4:47                                                                                | 7:34 |  |
| 14   | Thu | 3:25  | 6.4 | 4:04  | 5.9 | 10:39 | 0.2 | 10:55 | 0.7 | 4:48                                                                                | 7:33 |  |
| 15   | Fri | 4:19  | 6.1 | 4:58  | 5.9 | 11:27 | 0.3 | 11:47 | 0.7 | 4:49                                                                                | 7:33 |  |
| 16   | Sat | 5:16  | 5.9 | 5:53  | 5.9 |       |     | 12:14 | 0.4 | 4:49                                                                                | 7:32 |  |
| 17   | Sun | 6:13  | 5.6 | 6:47  | 6.0 | 12:41 | 0.7 | 1:02  | 0.4 | 4:50                                                                                | 7:32 |  |
| 18   | Mon | 7:09  | 5.5 | 7:40  | 6.1 | 1:36  | 0.7 | 1:51  | 0.4 | 4:51                                                                                | 7:31 |  |
| 19   | Tue | 8:04  | 5.4 | 8:32  | 6.2 | 2:31  | 0.6 | 2:40  | 0.4 | 4:52                                                                                | 7:30 |  |
| 20   | Wed | 8:57  | 5.4 | 9:20  | 6.3 | 3:25  | 0.5 | 3:29  | 0.4 | 4:52                                                                                | 7:30 |  |
| 21   | Thu | 9:46  | 5.4 | 10:05 | 6.5 | 4:16  | 0.4 | 4:18  | 0.5 | 4:53                                                                                | 7:29 |  |
| 22   | Fri | 10:32 | 5.4 | 10:47 | 6.5 | 5:06  | 0.3 | 5:05  | 0.5 | 4:54                                                                                | 7:28 |  |
| 23   | Sat | 11:15 | 5.4 | 11:27 | 6.6 | 5:53  | 0.3 | 5:51  | 0.5 | 4:55                                                                                | 7:27 |  |
| 24   | Sun | 11:55 | 5.4 |       |     | 6:38  | 0.3 | 6:36  | 0.5 | 4:56                                                                                | 7:27 |  |
| 25   | Mon | 12:04 | 6.6 | 12:34 | 5.4 | 7:21  | 0.3 | 7:20  | 0.5 | 4:57                                                                                | 7:26 |  |
| 26   | Tue | 12:41 | 6.5 | 1:11  | 5.5 | 8:02  | 0.3 | 8:03  | 0.5 | 4:58                                                                                | 7:25 |  |
| 27   | Wed | 1:17  | 6.5 | 1:48  | 5.6 | 8:42  | 0.3 | 8:47  | 0.6 | 4:58                                                                                | 7:24 |  |
| 28   | Thu | 1:54  | 6.5 | 2:26  | 5.8 | 9:23  | 0.3 | 9:33  | 0.6 | 4:59                                                                                | 7:23 |  |
| 29   | Fri | 2:36  | 6.4 | 3:09  | 5.9 | 10:05 | 0.3 | 10:24 | 0.6 | 5:00                                                                                | 7:22 |  |
| 30   | Sat | 3:23  | 6.2 | 3:59  | 6.1 | 10:50 | 0.3 | 11:20 | 0.7 | 5:01                                                                                | 7:21 |  |
| 31   | Sun | 4:19  | 6.0 | 4:56  | 6.2 | 11:39 | 0.3 |       |     | 5:02                                                                                | 7:20 |  |