

## Marcus Hook, PA - Nov 1852

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 2:31  | 5.1 | 2:30  | 6.2 | 9:08  | 0.7  | 10:11 | 0.8  | 6:35                                                                                | 5:03 |    |
| 2    | Tue | 3:09  | 5.0 | 3:08  | 6.1 | 9:45  | 0.7  | 10:59 | 0.8  | 6:36                                                                                | 5:02 |    |
| 3    | Wed | 3:55  | 4.9 | 3:58  | 6.0 | 10:33 | 0.7  | 11:51 | 0.8  | 6:37                                                                                | 5:01 |    |
| 4    | Thu | 4:53  | 4.8 | 5:00  | 5.9 | 11:33 | 0.7  |       |      | 6:38                                                                                | 5:00 |    |
| 5    | Fri | 5:57  | 4.9 | 6:09  | 5.9 | 12:46 | 0.7  | 12:39 | 0.7  | 6:39                                                                                | 4:59 |    |
| 6    | Sat | 7:00  | 5.2 | 7:16  | 6.0 | 1:42  | 0.5  | 1:46  | 0.6  | 6:40                                                                                | 4:58 |    |
| 7    | Sun | 7:59  | 5.5 | 8:19  | 6.1 | 2:38  | 0.4  | 2:52  | 0.4  | 6:41                                                                                | 4:57 |    |
| 8    | Mon | 8:55  | 6.0 | 9:16  | 6.2 | 3:33  | 0.2  | 3:54  | 0.2  | 6:43                                                                                | 4:56 |    |
| 9    | Tue | 9:47  | 6.4 | 10:10 | 6.3 | 4:26  | 0.0  | 4:53  | 0.1  | 6:44                                                                                | 4:55 |    |
| 10   | Wed | 10:37 | 6.8 | 11:01 | 6.4 | 5:17  | 0.0  | 5:49  | -0.1 | 6:45                                                                                | 4:54 |    |
| 11   | Thu | 11:25 | 7.0 | 11:52 | 6.3 | 6:08  | -0.1 | 6:44  | -0.1 | 6:46                                                                                | 4:53 |    |
| 12   | Fri |       |     | 12:14 | 7.1 | 6:58  | -0.1 | 7:37  | -0.1 | 6:47                                                                                | 4:52 |    |
| 13   | Sat | 12:43 | 6.1 | 1:04  | 7.1 | 7:47  | 0.0  | 8:29  | -0.1 | 6:48                                                                                | 4:51 |   |
| 14   | Sun | 1:35  | 5.9 | 1:55  | 6.9 | 8:36  | 0.1  | 9:21  | 0.0  | 6:49                                                                                | 4:50 |  |
| 15   | Mon | 2:28  | 5.7 | 2:47  | 6.7 | 9:26  | 0.3  | 10:13 | 0.2  | 6:51                                                                                | 4:49 |  |
| 16   | Tue | 3:24  | 5.4 | 3:43  | 6.4 | 10:17 | 0.4  | 11:06 | 0.3  | 6:52                                                                                | 4:49 |  |
| 17   | Wed | 4:23  | 5.2 | 4:42  | 6.1 | 11:11 | 0.5  |       |      | 6:53                                                                                | 4:48 |  |
| 18   | Thu | 5:23  | 5.1 | 5:44  | 5.8 | 12:00 | 0.3  | 12:07 | 0.6  | 6:54                                                                                | 4:47 |  |
| 19   | Fri | 6:24  | 5.1 | 6:44  | 5.7 | 12:53 | 0.3  | 1:03  | 0.6  | 6:55                                                                                | 4:47 |  |
| 20   | Sat | 7:22  | 5.2 | 7:42  | 5.6 | 1:45  | 0.3  | 2:00  | 0.5  | 6:56                                                                                | 4:46 |  |
| 21   | Sun | 8:16  | 5.4 | 8:36  | 5.6 | 2:36  | 0.2  | 2:56  | 0.4  | 6:57                                                                                | 4:45 |  |
| 22   | Mon | 9:07  | 5.6 | 9:27  | 5.6 | 3:25  | 0.1  | 3:49  | 0.2  | 6:58                                                                                | 4:45 |  |
| 23   | Tue | 9:53  | 5.8 | 10:13 | 5.5 | 4:11  | 0.1  | 4:40  | 0.1  | 7:00                                                                                | 4:44 |  |
| 24   | Wed | 10:35 | 6.0 | 10:56 | 5.5 | 4:55  | 0.1  | 5:28  | 0.1  | 7:01                                                                                | 4:44 |  |
| 25   | Thu | 11:15 | 6.0 | 11:37 | 5.3 | 5:37  | 0.1  | 6:14  | 0.1  | 7:02                                                                                | 4:43 |  |
| 26   | Fri | 11:52 | 6.1 |       |     | 6:18  | 0.2  | 6:59  | 0.1  | 7:03                                                                                | 4:43 |  |
| 27   | Sat | 12:16 | 5.2 | 12:27 | 6.0 | 6:57  | 0.3  | 7:42  | 0.2  | 7:04                                                                                | 4:42 |  |
| 28   | Sun | 12:54 | 5.0 | 1:00  | 6.0 | 7:35  | 0.3  | 8:25  | 0.3  | 7:05                                                                                | 4:42 |  |
| 29   | Mon | 1:31  | 4.9 | 1:32  | 6.0 | 8:12  | 0.3  | 9:07  | 0.3  | 7:06                                                                                | 4:42 |  |
| 30   | Tue | 2:07  | 4.8 | 2:06  | 6.0 | 8:50  | 0.3  | 9:50  | 0.3  | 7:07                                                                                | 4:41 |  |