

## Marcus Hook, PA - Dec 1881

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 8:17  | 5.9 | 8:41  | 5.6 | 2:42  | -0.2 | 3:17  | 0.0  | 7:08                                                                                | 4:41 |    |
| 2    | Fri | 9:11  | 6.2 | 9:35  | 5.6 | 3:35  | -0.2 | 4:14  | -0.1 | 7:09                                                                                | 4:41 |    |
| 3    | Sat | 10:01 | 6.3 | 10:25 | 5.6 | 4:27  | -0.2 | 5:08  | -0.2 | 7:10                                                                                | 4:41 |    |
| 4    | Sun | 10:47 | 6.4 | 11:12 | 5.6 | 5:16  | -0.2 | 5:58  | -0.2 | 7:11                                                                                | 4:41 |    |
| 5    | Mon | 11:31 | 6.4 | 11:58 | 5.5 | 6:03  | -0.1 | 6:47  | -0.1 | 7:12                                                                                | 4:41 |    |
| 6    | Tue |       |     | 12:15 | 6.3 | 6:48  | 0.0  | 7:32  | -0.1 | 7:13                                                                                | 4:41 |    |
| 7    | Wed | 12:43 | 5.4 | 12:57 | 6.2 | 7:31  | 0.1  | 8:16  | 0.0  | 7:14                                                                                | 4:41 |    |
| 8    | Thu | 1:27  | 5.2 | 1:39  | 6.1 | 8:12  | 0.2  | 8:57  | 0.1  | 7:14                                                                                | 4:41 |    |
| 9    | Fri | 2:11  | 5.1 | 2:21  | 5.9 | 8:51  | 0.3  | 9:38  | 0.2  | 7:15                                                                                | 4:41 |    |
| 10   | Sat | 2:55  | 5.0 | 3:03  | 5.7 | 9:31  | 0.3  | 10:18 | 0.2  | 7:16                                                                                | 4:41 |    |
| 11   | Sun | 3:40  | 4.9 | 3:48  | 5.4 | 10:14 | 0.3  | 10:59 | 0.2  | 7:17                                                                                | 4:41 |    |
| 12   | Mon | 4:27  | 4.8 | 4:37  | 5.2 | 11:01 | 0.4  | 11:42 | 0.2  | 7:18                                                                                | 4:41 |   |
| 13   | Tue | 5:17  | 4.8 | 5:31  | 4.9 | 11:54 | 0.4  |       |      | 7:18                                                                                | 4:41 |  |
| 14   | Wed | 6:08  | 4.9 | 6:26  | 4.8 | 12:27 | 0.1  | 12:50 | 0.3  | 7:19                                                                                | 4:41 |  |
| 15   | Thu | 7:00  | 5.0 | 7:23  | 4.7 | 1:15  | 0.1  | 1:50  | 0.3  | 7:20                                                                                | 4:42 |  |
| 16   | Fri | 7:52  | 5.2 | 8:18  | 4.7 | 2:06  | 0.1  | 2:51  | 0.2  | 7:20                                                                                | 4:42 |  |
| 17   | Sat | 8:43  | 5.5 | 9:10  | 4.7 | 2:59  | 0.0  | 3:50  | 0.1  | 7:21                                                                                | 4:42 |  |
| 18   | Sun | 9:31  | 5.8 | 9:59  | 4.8 | 3:53  | 0.0  | 4:46  | 0.0  | 7:22                                                                                | 4:43 |  |
| 19   | Mon | 10:18 | 6.0 | 10:46 | 4.9 | 4:46  | -0.1 | 5:40  | -0.1 | 7:22                                                                                | 4:43 |  |
| 20   | Tue | 11:04 | 6.3 | 11:33 | 5.0 | 5:39  | -0.2 | 6:32  | -0.2 | 7:23                                                                                | 4:44 |  |
| 21   | Wed | 11:51 | 6.4 |       |     | 6:32  | -0.3 | 7:23  | -0.3 | 7:23                                                                                | 4:44 |  |
| 22   | Thu | 12:22 | 5.1 | 12:40 | 6.4 | 7:24  | -0.3 | 8:12  | -0.4 | 7:24                                                                                | 4:45 |  |
| 23   | Fri | 1:12  | 5.2 | 1:31  | 6.3 | 8:16  | -0.4 | 9:01  | -0.4 | 7:24                                                                                | 4:45 |  |
| 24   | Sat | 2:04  | 5.3 | 2:23  | 6.2 | 9:08  | -0.4 | 9:50  | -0.4 | 7:25                                                                                | 4:46 |  |
| 25   | Sun | 2:58  | 5.3 | 3:19  | 5.9 | 10:03 | -0.3 | 10:40 | -0.4 | 7:25                                                                                | 4:46 |  |
| 26   | Mon | 3:55  | 5.4 | 4:17  | 5.7 | 10:59 | -0.3 | 11:32 | -0.4 | 7:25                                                                                | 4:47 |  |
| 27   | Tue | 4:54  | 5.4 | 5:19  | 5.4 | 11:58 | -0.2 |       |      | 7:26                                                                                | 4:48 |  |
| 28   | Wed | 5:55  | 5.4 | 6:21  | 5.2 | 12:25 | -0.4 | 12:57 | -0.2 | 7:26                                                                                | 4:48 |  |
| 29   | Thu | 6:55  | 5.5 | 7:21  | 5.1 | 1:19  | -0.4 | 1:57  | -0.2 | 7:26                                                                                | 4:49 |  |
| 30   | Fri | 7:54  | 5.6 | 8:20  | 5.0 | 2:14  | -0.4 | 2:56  | -0.2 | 7:26                                                                                | 4:50 |  |
| 31   | Sat | 8:49  | 5.8 | 9:13  | 5.1 | 3:08  | -0.4 | 3:53  | -0.3 | 7:27                                                                                | 4:51 |  |