

## Philadelphia, USCG Station, PA - Jul 1859

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |  |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Fri | 1:21  | 7.3 | 1:59  | 5.9 | 8:42  | 0.5 | 8:41  | 0.6 | 4:39                                                                                | 7:36 | ☀                                                                                   |
| 2    | Sat | 2:15  | 7.3 | 2:53  | 6.0 | 9:32  | 0.4 | 9:35  | 0.5 | 4:39                                                                                | 7:36 | ☀                                                                                   |
| 3    | Sun | 3:09  | 7.2 | 3:48  | 6.1 | 10:22 | 0.3 | 10:29 | 0.5 | 4:40                                                                                | 7:36 | ☀                                                                                   |
| 4    | Mon | 4:04  | 7.1 | 4:44  | 6.3 | 11:12 | 0.2 | 11:24 | 0.5 | 4:40                                                                                | 7:36 | ☀                                                                                   |
| 5    | Tue | 5:00  | 6.9 | 5:39  | 6.5 |       |     | 12:01 | 0.1 | 4:41                                                                                | 7:36 | ☀                                                                                   |
| 6    | Wed | 5:56  | 6.6 | 6:35  | 6.6 | 12:20 | 0.6 | 12:50 | 0.1 | 4:41                                                                                | 7:36 | ☀                                                                                   |
| 7    | Thu | 6:53  | 6.3 | 7:31  | 6.8 | 1:17  | 0.6 | 1:40  | 0.2 | 4:42                                                                                | 7:35 | ☀                                                                                   |
| 8    | Fri | 7:50  | 6.1 | 8:26  | 6.9 | 2:15  | 0.7 | 2:32  | 0.2 | 4:42                                                                                | 7:35 | ☀                                                                                   |
| 9    | Sat | 8:47  | 6.0 | 9:19  | 7.0 | 3:13  | 0.7 | 3:23  | 0.3 | 4:43                                                                                | 7:35 | ☀                                                                                   |
| 10   | Sun | 9:42  | 5.9 | 10:11 | 7.1 | 4:10  | 0.6 | 4:15  | 0.4 | 4:44                                                                                | 7:34 | ☀                                                                                   |
| 11   | Mon | 10:35 | 5.9 | 11:00 | 7.1 | 5:06  | 0.6 | 5:07  | 0.6 | 4:44                                                                                | 7:34 | ☀                                                                                   |
| 12   | Tue | 11:26 | 5.9 | 11:46 | 7.1 | 5:58  | 0.6 | 5:56  | 0.6 | 4:45                                                                                | 7:33 | ☀                                                                                   |
| 13   | Wed |       |     | 12:14 | 5.9 | 6:47  | 0.6 | 6:43  | 0.7 | 4:46                                                                                | 7:33 | ☀                                                                                   |
| 14   | Thu | 12:31 | 7.0 | 1:00  | 5.9 | 7:33  | 0.6 | 7:28  | 0.8 | 4:47                                                                                | 7:32 | ☀                                                                                   |
| 15   | Fri | 1:13  | 7.0 | 1:43  | 5.8 | 8:16  | 0.6 | 8:11  | 0.9 | 4:47                                                                                | 7:32 | ☀                                                                                   |
| 16   | Sat | 1:54  | 6.9 | 2:26  | 5.8 | 8:56  | 0.7 | 8:52  | 1.0 | 4:48                                                                                | 7:31 | ☀                                                                                   |
| 17   | Sun | 2:34  | 6.8 | 3:07  | 5.8 | 9:35  | 0.7 | 9:33  | 1.0 | 4:49                                                                                | 7:31 | ☀                                                                                   |
| 18   | Mon | 3:13  | 6.7 | 3:47  | 5.9 | 10:12 | 0.7 | 10:14 | 1.0 | 4:50                                                                                | 7:30 | ☀                                                                                   |
| 19   | Tue | 3:52  | 6.5 | 4:26  | 5.9 | 10:49 | 0.7 | 10:56 | 1.0 | 4:50                                                                                | 7:30 | ☀                                                                                   |
| 20   | Wed | 4:31  | 6.4 | 5:05  | 6.1 | 11:25 | 0.6 | 11:42 | 1.0 | 4:51                                                                                | 7:29 | ☀                                                                                   |
| 21   | Thu | 5:13  | 6.2 | 5:47  | 6.2 |       |     | 12:02 | 0.6 | 4:52                                                                                | 7:28 | ☀                                                                                   |
| 22   | Fri | 6:01  | 6.0 | 6:33  | 6.3 | 12:32 | 1.1 | 12:43 | 0.6 | 4:53                                                                                | 7:27 | ☀                                                                                   |
| 23   | Sat | 6:57  | 5.7 | 7:26  | 6.5 | 1:29  | 1.1 | 1:31  | 0.7 | 4:54                                                                                | 7:27 | ☀                                                                                   |
| 24   | Sun | 7:58  | 5.6 | 8:23  | 6.6 | 2:31  | 1.2 | 2:27  | 0.8 | 4:55                                                                                | 7:26 | ☀                                                                                   |
| 25   | Mon | 8:59  | 5.5 | 9:21  | 6.8 | 3:35  | 1.2 | 3:28  | 0.9 | 4:56                                                                                | 7:25 | ☀                                                                                   |
| 26   | Tue | 9:59  | 5.6 | 10:20 | 7.0 | 4:37  | 1.1 | 4:32  | 0.9 | 4:56                                                                                | 7:24 | ☀                                                                                   |
| 27   | Wed | 10:57 | 5.7 | 11:16 | 7.2 | 5:37  | 1.0 | 5:33  | 0.8 | 4:57                                                                                | 7:23 | ☀                                                                                   |
| 28   | Thu | 11:52 | 5.8 |       |     | 6:34  | 0.8 | 6:32  | 0.7 | 4:58                                                                                | 7:22 | ☀                                                                                   |
| 29   | Fri | 12:12 | 7.3 | 12:46 | 6.0 | 7:28  | 0.6 | 7:29  | 0.5 | 4:59                                                                                | 7:21 | ☀                                                                                   |
| 30   | Sat | 1:05  | 7.4 | 1:40  | 6.2 | 8:19  | 0.4 | 8:23  | 0.4 | 5:00                                                                                | 7:20 | ☀                                                                                   |
| 31   | Sun | 1:59  | 7.4 | 2:33  | 6.4 | 9:09  | 0.3 | 9:17  | 0.4 | 5:01                                                                                | 7:19 | ☀                                                                                   |