

## Philadelphia, USCG Station, PA - Jul 1839

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 4:08  | 6.9 | 4:50  | 6.0 | 11:24 | 0.5 | 11:31 | 0.8 | 4:38                                                                                | 7:36 |    |
| 2    | Tue | 4:58  | 6.8 | 5:40  | 6.2 |       |     | 12:09 | 0.4 | 4:39                                                                                | 7:36 |    |
| 3    | Wed | 5:52  | 6.6 | 6:34  | 6.5 | 12:26 | 0.8 | 12:57 | 0.4 | 4:39                                                                                | 7:36 |    |
| 4    | Thu | 6:51  | 6.3 | 7:31  | 6.7 | 1:25  | 0.8 | 1:48  | 0.4 | 4:40                                                                                | 7:36 |    |
| 5    | Fri | 7:53  | 6.1 | 8:28  | 6.9 | 2:27  | 0.9 | 2:42  | 0.5 | 4:40                                                                                | 7:36 |    |
| 6    | Sat | 8:54  | 6.0 | 9:25  | 7.1 | 3:30  | 0.9 | 3:39  | 0.5 | 4:41                                                                                | 7:36 |    |
| 7    | Sun | 9:54  | 5.9 | 10:22 | 7.2 | 4:33  | 0.8 | 4:36  | 0.6 | 4:42                                                                                | 7:35 |    |
| 8    | Mon | 10:52 | 5.8 | 11:16 | 7.3 | 5:33  | 0.7 | 5:33  | 0.7 | 4:42                                                                                | 7:35 |    |
| 9    | Tue | 11:48 | 5.8 |       |     | 6:30  | 0.6 | 6:29  | 0.7 | 4:43                                                                                | 7:35 |    |
| 10   | Wed | 12:09 | 7.3 | 12:42 | 5.9 | 7:24  | 0.6 | 7:22  | 0.8 | 4:44                                                                                | 7:34 |    |
| 11   | Thu | 1:00  | 7.2 | 1:34  | 5.9 | 8:16  | 0.6 | 8:14  | 0.8 | 4:44                                                                                | 7:34 |    |
| 12   | Fri | 1:51  | 7.1 | 2:26  | 5.9 | 9:04  | 0.6 | 9:03  | 0.9 | 4:45                                                                                | 7:34 |   |
| 13   | Sat | 2:40  | 7.0 | 3:16  | 5.9 | 9:50  | 0.6 | 9:52  | 0.9 | 4:46                                                                                | 7:33 |  |
| 14   | Sun | 3:29  | 6.8 | 4:05  | 5.9 | 10:35 | 0.6 | 10:39 | 1.0 | 4:46                                                                                | 7:33 |  |
| 15   | Mon | 4:17  | 6.6 | 4:54  | 6.0 | 11:17 | 0.6 | 11:27 | 1.1 | 4:47                                                                                | 7:32 |  |
| 16   | Tue | 5:06  | 6.4 | 5:43  | 6.1 |       |     | 12:00 | 0.6 | 4:48                                                                                | 7:31 |  |
| 17   | Wed | 5:57  | 6.2 | 6:33  | 6.2 | 12:17 | 1.1 | 12:42 | 0.6 | 4:49                                                                                | 7:31 |  |
| 18   | Thu | 6:49  | 5.9 | 7:23  | 6.3 | 1:08  | 1.1 | 1:26  | 0.6 | 4:50                                                                                | 7:30 |  |
| 19   | Fri | 7:43  | 5.7 | 8:14  | 6.4 | 2:01  | 1.1 | 2:11  | 0.7 | 4:50                                                                                | 7:30 |  |
| 20   | Sat | 8:38  | 5.6 | 9:05  | 6.5 | 2:56  | 1.1 | 3:00  | 0.8 | 4:51                                                                                | 7:29 |  |
| 21   | Sun | 9:33  | 5.5 | 9:55  | 6.7 | 3:52  | 1.0 | 3:50  | 0.8 | 4:52                                                                                | 7:28 |  |
| 22   | Mon | 10:25 | 5.5 | 10:44 | 6.8 | 4:46  | 0.9 | 4:42  | 0.8 | 4:53                                                                                | 7:27 |  |
| 23   | Tue | 11:15 | 5.6 | 11:30 | 6.9 | 5:39  | 0.8 | 5:33  | 0.8 | 4:54                                                                                | 7:27 |  |
| 24   | Wed |       |     | 12:02 | 5.6 | 6:29  | 0.8 | 6:23  | 0.8 | 4:55                                                                                | 7:26 |  |
| 25   | Thu | 12:15 | 7.0 | 12:46 | 5.7 | 7:17  | 0.7 | 7:12  | 0.7 | 4:55                                                                                | 7:25 |  |
| 26   | Fri | 12:58 | 7.0 | 1:29  | 5.8 | 8:03  | 0.7 | 7:59  | 0.7 | 4:56                                                                                | 7:24 |  |
| 27   | Sat | 1:40  | 7.1 | 2:11  | 5.9 | 8:47  | 0.6 | 8:47  | 0.6 | 4:57                                                                                | 7:23 |  |
| 28   | Sun | 2:22  | 7.1 | 2:54  | 6.1 | 9:31  | 0.5 | 9:35  | 0.6 | 4:58                                                                                | 7:22 |  |
| 29   | Mon | 3:05  | 7.0 | 3:38  | 6.3 | 10:14 | 0.4 | 10:25 | 0.6 | 4:59                                                                                | 7:21 |  |
| 30   | Tue | 3:51  | 6.9 | 4:25  | 6.5 | 10:58 | 0.4 | 11:17 | 0.7 | 5:00                                                                                | 7:20 |  |
| 31   | Wed | 4:40  | 6.7 | 5:15  | 6.7 | 11:43 | 0.3 |       |     | 5:01                                                                                | 7:19 |  |