

## Philadelphia, USCG Station, PA - Dec 1859

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 6:08  | 5.3 | 6:21  | 5.9 | 12:27 | 0.4  | 12:28 | 0.6  | 7:07                                                                                | 4:40 |    |
| 2    | Fri | 6:59  | 5.4 | 7:14  | 5.8 | 1:12  | 0.4  | 1:20  | 0.6  | 7:08                                                                                | 4:40 |    |
| 3    | Sat | 7:51  | 5.5 | 8:08  | 5.6 | 1:58  | 0.4  | 2:16  | 0.6  | 7:09                                                                                | 4:40 |    |
| 4    | Sun | 8:42  | 5.6 | 9:02  | 5.5 | 2:46  | 0.3  | 3:13  | 0.6  | 7:09                                                                                | 4:39 |    |
| 5    | Mon | 9:31  | 5.9 | 9:54  | 5.4 | 3:35  | 0.3  | 4:11  | 0.5  | 7:10                                                                                | 4:39 |    |
| 6    | Tue | 10:18 | 6.1 | 10:44 | 5.4 | 4:24  | 0.3  | 5:08  | 0.5  | 7:11                                                                                | 4:39 |    |
| 7    | Wed | 11:04 | 6.3 | 11:32 | 5.3 | 5:14  | 0.4  | 6:03  | 0.4  | 7:12                                                                                | 4:39 |    |
| 8    | Thu | 11:48 | 6.4 |       |     | 6:03  | 0.4  | 6:55  | 0.3  | 7:13                                                                                | 4:39 |    |
| 9    | Fri | 12:19 | 5.3 | 12:32 | 6.5 | 6:53  | 0.3  | 7:46  | 0.3  | 7:14                                                                                | 4:39 |    |
| 10   | Sat | 1:05  | 5.3 | 1:17  | 6.6 | 7:42  | 0.3  | 8:37  | 0.3  | 7:15                                                                                | 4:39 |    |
| 11   | Sun | 1:52  | 5.3 | 2:04  | 6.6 | 8:32  | 0.2  | 9:26  | 0.2  | 7:16                                                                                | 4:39 |    |
| 12   | Mon | 2:41  | 5.3 | 2:54  | 6.6 | 9:23  | 0.2  | 10:16 | 0.2  | 7:16                                                                                | 4:39 |   |
| 13   | Tue | 3:33  | 5.3 | 3:48  | 6.5 | 10:16 | 0.1  | 11:07 | 0.1  | 7:17                                                                                | 4:40 |  |
| 14   | Wed | 4:28  | 5.4 | 4:45  | 6.3 | 11:11 | 0.1  | 11:58 | 0.0  | 7:18                                                                                | 4:40 |  |
| 15   | Thu | 5:25  | 5.5 | 5:44  | 6.1 |       |      | 12:07 | 0.1  | 7:19                                                                                | 4:40 |  |
| 16   | Fri | 6:24  | 5.6 | 6:44  | 5.9 | 12:49 | -0.1 | 1:06  | 0.1  | 7:19                                                                                | 4:40 |  |
| 17   | Sat | 7:23  | 5.8 | 7:44  | 5.8 | 1:42  | -0.1 | 2:06  | 0.1  | 7:20                                                                                | 4:41 |  |
| 18   | Sun | 8:22  | 6.0 | 8:44  | 5.6 | 2:35  | -0.2 | 3:07  | 0.1  | 7:21                                                                                | 4:41 |  |
| 19   | Mon | 9:18  | 6.3 | 9:41  | 5.6 | 3:28  | -0.2 | 4:07  | 0.0  | 7:21                                                                                | 4:41 |  |
| 20   | Tue | 10:11 | 6.5 | 10:35 | 5.5 | 4:22  | -0.2 | 5:05  | -0.1 | 7:22                                                                                | 4:42 |  |
| 21   | Wed | 11:02 | 6.6 | 11:27 | 5.5 | 5:14  | -0.2 | 5:59  | -0.1 | 7:22                                                                                | 4:42 |  |
| 22   | Thu | 11:50 | 6.6 |       |     | 6:04  | -0.1 | 6:51  | -0.1 | 7:23                                                                                | 4:43 |  |
| 23   | Fri | 12:15 | 5.5 | 12:35 | 6.6 | 6:52  | -0.1 | 7:39  | -0.1 | 7:23                                                                                | 4:43 |  |
| 24   | Sat | 1:02  | 5.5 | 1:19  | 6.5 | 7:38  | 0.0  | 8:24  | 0.0  | 7:24                                                                                | 4:44 |  |
| 25   | Sun | 1:48  | 5.4 | 2:02  | 6.4 | 8:22  | 0.1  | 9:07  | 0.0  | 7:24                                                                                | 4:45 |  |
| 26   | Mon | 2:32  | 5.3 | 2:45  | 6.3 | 9:04  | 0.2  | 9:49  | 0.1  | 7:25                                                                                | 4:45 |  |
| 27   | Tue | 3:16  | 5.3 | 3:27  | 6.1 | 9:45  | 0.2  | 10:29 | 0.1  | 7:25                                                                                | 4:46 |  |
| 28   | Wed | 3:59  | 5.2 | 4:10  | 6.0 | 10:26 | 0.2  | 11:08 | 0.1  | 7:25                                                                                | 4:46 |  |
| 29   | Thu | 4:43  | 5.2 | 4:54  | 5.9 | 11:08 | 0.3  | 11:46 | 0.1  | 7:25                                                                                | 4:47 |  |
| 30   | Fri | 5:28  | 5.2 | 5:40  | 5.7 | 11:53 | 0.3  |       |      | 7:26                                                                                | 4:48 |  |
| 31   | Sat | 6:14  | 5.3 | 6:29  | 5.4 | 12:26 | 0.0  | 12:42 | 0.3  | 7:26                                                                                | 4:49 |  |