

## Pearl Harbor, Ford Island Ferry, HI - Apr 1863

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 2:33  | 1.5 | 3:10  | 1.4 | 8:46  | -0.1 | 9:02     | 0.1  | 5:53                                                                                | 6:15 |    |
| 2    | Thu | 3:05  | 1.4 | 3:42  | 1.6 | 9:13  | -0.1 | 9:50     | 0.1  | 5:52                                                                                | 6:15 |    |
| 3    | Fri | 3:37  | 1.3 | 4:15  | 1.7 | 9:41  | -0.1 | 10:36    | 0.1  | 5:51                                                                                | 6:15 |    |
| 4    | Sat | 4:07  | 1.1 | 4:49  | 1.8 | 10:09 | -0.2 | 11:22    | 0.1  | 5:50                                                                                | 6:16 |    |
| 5    | Sun | 4:38  | 1.0 | 5:26  | 1.9 | 10:37 | -0.2 |          |      | 5:49                                                                                | 6:16 |    |
| 6    | Mon | 5:10  | 0.8 | 6:10  | 1.9 | 12:13 | 0.1  | 11:06 AM | -0.1 | 5:48                                                                                | 6:16 |    |
| 7    | Tue | 5:48  | 0.7 | 7:03  | 1.9 | 1:14  | 0.2  | 11:38 AM | -0.1 | 5:47                                                                                | 6:17 |    |
| 8    | Wed | 6:42  | 0.5 | 8:07  | 1.8 | 2:28  | 0.2  | 12:18    | 0.0  | 5:47                                                                                | 6:17 |    |
| 9    | Thu | 8:20  | 0.5 | 9:17  | 1.8 | 3:49  | 0.2  | 1:24     | 0.2  | 5:46                                                                                | 6:17 |    |
| 10   | Fri | 10:31 | 0.5 | 10:32 | 1.7 | 5:11  | 0.2  | 3:00     | 0.3  | 5:45                                                                                | 6:17 |    |
| 11   | Sat |       |     | 12:06 | 0.7 | 6:07  | 0.1  | 4:35     | 0.3  | 5:44                                                                                | 6:18 |    |
| 12   | Sun |       |     | 1:01  | 1.0 | 6:46  | 0.0  | 6:05     | 0.3  | 5:43                                                                                | 6:18 |   |
| 13   | Mon | 12:45 | 1.6 | 1:45  | 1.3 | 7:19  | -0.1 | 7:16     | 0.2  | 5:42                                                                                | 6:18 |  |
| 14   | Tue | 1:33  | 1.5 | 2:27  | 1.5 | 7:50  | -0.2 | 8:18     | 0.2  | 5:41                                                                                | 6:19 |  |
| 15   | Wed | 2:17  | 1.4 | 3:07  | 1.7 | 8:21  | -0.2 | 9:15     | 0.1  | 5:41                                                                                | 6:19 |  |
| 16   | Thu | 2:58  | 1.2 | 3:46  | 1.8 | 8:53  | -0.2 | 10:07    | 0.1  | 5:40                                                                                | 6:19 |  |
| 17   | Fri | 3:37  | 1.1 | 4:22  | 1.9 | 9:24  | -0.2 | 10:53    | 0.1  | 5:39                                                                                | 6:20 |  |
| 18   | Sat | 4:12  | 0.9 | 4:57  | 1.9 | 9:55  | -0.2 | 11:36    | 0.1  | 5:38                                                                                | 6:20 |  |
| 19   | Sun | 4:43  | 0.8 | 5:31  | 1.9 | 10:24 | -0.1 |          |      | 5:37                                                                                | 6:20 |  |
| 20   | Mon | 5:10  | 0.7 | 6:06  | 1.9 | 12:21 | 0.2  | 10:51 AM | 0.0  | 5:37                                                                                | 6:21 |  |
| 21   | Tue | 5:38  | 0.6 | 6:44  | 1.8 | 1:14  | 0.2  | 11:16 AM | 0.1  | 5:36                                                                                | 6:21 |  |
| 22   | Wed | 6:16  | 0.5 | 7:29  | 1.7 | 2:16  | 0.3  | 11:39 AM | 0.2  | 5:35                                                                                | 6:22 |  |
| 23   | Thu | 7:55  | 0.5 | 8:20  | 1.6 | 3:20  | 0.3  | 12:06    | 0.3  | 5:34                                                                                | 6:22 |  |
| 24   | Fri | 9:59  | 0.5 | 9:15  | 1.5 | 4:25  | 0.3  | 1:13     | 0.4  | 5:33                                                                                | 6:22 |  |
| 25   | Sat | 11:44 | 0.6 | 10:17 | 1.4 | 5:18  | 0.2  | 3:12     | 0.5  | 5:33                                                                                | 6:23 |  |
| 26   | Sun |       |     | 12:33 | 0.8 | 5:54  | 0.1  | 4:46     | 0.6  | 5:32                                                                                | 6:23 |  |
| 27   | Mon |       |     | 1:07  | 1.0 | 6:22  | 0.1  | 6:07     | 0.5  | 5:31                                                                                | 6:23 |  |
| 28   | Tue | 12:20 | 1.3 | 1:38  | 1.3 | 6:50  | 0.0  | 7:10     | 0.4  | 5:31                                                                                | 6:24 |  |
| 29   | Wed | 1:04  | 1.2 | 2:10  | 1.5 | 7:18  | -0.1 | 8:05     | 0.3  | 5:30                                                                                | 6:24 |  |
| 30   | Thu | 1:44  | 1.2 | 2:44  | 1.7 | 7:48  | -0.1 | 9:00     | 0.2  | 5:29                                                                                | 6:25 |  |