

## Pearl Harbor Entrance, Bishop Point, HI - Jul 1861

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon |       |     | 12:47 | 1.7 | 4:41  | 0.1  |          |     | 5:21                                                                                | 6:46 |    |
| 2    | Tue |       |     | 1:25  | 1.9 | 5:23  | 0.0  | 9:00     | 0.6 | 5:22                                                                                | 6:46 |    |
| 3    | Wed | 12:17 | 0.6 | 2:02  | 2.0 | 6:05  | 0.0  | 9:44     | 0.4 | 5:22                                                                                | 6:46 |    |
| 4    | Thu | 1:20  | 0.6 | 2:39  | 2.1 | 6:45  | 0.0  | 10:17    | 0.3 | 5:22                                                                                | 6:46 |    |
| 5    | Fri | 2:13  | 0.5 | 3:15  | 2.2 | 7:25  | -0.1 | 10:46    | 0.2 | 5:23                                                                                | 6:46 |    |
| 6    | Sat | 3:03  | 0.5 | 3:49  | 2.3 | 8:05  | -0.1 | 11:14    | 0.1 | 5:23                                                                                | 6:46 |    |
| 7    | Sun | 3:49  | 0.5 | 4:22  | 2.3 | 8:47  | -0.1 | 11:41    | 0.1 | 5:23                                                                                | 6:46 |    |
| 8    | Mon | 4:30  | 0.6 | 4:53  | 2.3 | 9:30  | 0.0  |          |     | 5:24                                                                                | 6:46 |    |
| 9    | Tue | 5:12  | 0.7 | 5:24  | 2.2 | 12:08 | 0.1  | 10:13 AM | 0.1 | 5:24                                                                                | 6:46 |    |
| 10   | Wed | 6:01  | 0.8 | 5:55  | 2.1 | 12:36 | 0.1  | 10:58 AM | 0.2 | 5:24                                                                                | 6:46 |    |
| 11   | Thu | 7:03  | 0.9 | 6:29  | 1.9 | 1:06  | 0.0  | 11:50 AM | 0.4 | 5:25                                                                                | 6:46 |    |
| 12   | Fri | 8:08  | 1.1 | 7:05  | 1.6 | 1:39  | 0.0  | 12:59    | 0.6 | 5:25                                                                                | 6:45 |   |
| 13   | Sat | 9:12  | 1.3 | 7:44  | 1.4 | 2:14  | 0.0  | 2:26     | 0.8 | 5:26                                                                                | 6:45 |  |
| 14   | Sun | 10:21 | 1.6 | 8:25  | 1.1 | 2:53  | 0.0  | 4:13     | 0.8 | 5:26                                                                                | 6:45 |  |
| 15   | Mon | 11:33 | 1.8 | 9:15  | 0.8 | 3:36  | -0.1 | 6:35     | 0.7 | 5:26                                                                                | 6:45 |  |
| 16   | Tue |       |     | 12:33 | 2.1 | 4:26  | -0.1 | 8:02     | 0.6 | 5:27                                                                                | 6:45 |  |
| 17   | Wed |       |     | 1:25  | 2.3 | 5:23  | -0.1 | 9:06     | 0.4 | 5:27                                                                                | 6:44 |  |
| 18   | Thu | 12:53 | 0.6 | 2:13  | 2.4 | 6:18  | -0.2 | 9:51     | 0.2 | 5:28                                                                                | 6:44 |  |
| 19   | Fri | 1:58  | 0.6 | 2:59  | 2.5 | 7:10  | -0.2 | 10:27    | 0.2 | 5:28                                                                                | 6:44 |  |
| 20   | Sat | 2:57  | 0.6 | 3:41  | 2.5 | 8:01  | -0.2 | 10:59    | 0.1 | 5:28                                                                                | 6:44 |  |
| 21   | Sun | 3:49  | 0.7 | 4:20  | 2.4 | 8:52  | -0.1 | 11:28    | 0.1 | 5:29                                                                                | 6:43 |  |
| 22   | Mon | 4:36  | 0.8 | 4:55  | 2.3 | 9:40  | 0.0  | 11:56    | 0.1 | 5:29                                                                                | 6:43 |  |
| 23   | Tue | 5:20  | 0.9 | 5:26  | 2.1 | 10:24 | 0.1  |          |     | 5:30                                                                                | 6:43 |  |
| 24   | Wed | 6:07  | 1.0 | 5:55  | 1.9 | 12:22 | 0.1  | 11:06 AM | 0.3 | 5:30                                                                                | 6:42 |  |
| 25   | Thu | 6:59  | 1.1 | 6:18  | 1.7 | 12:47 | 0.1  | 11:50 AM | 0.5 | 5:30                                                                                | 6:42 |  |
| 26   | Fri | 7:55  | 1.2 | 6:37  | 1.5 | 1:14  | 0.2  | 12:43    | 0.7 | 5:31                                                                                | 6:42 |  |
| 27   | Sat | 8:50  | 1.3 | 6:56  | 1.3 | 1:43  | 0.2  | 1:52     | 0.9 | 5:31                                                                                | 6:41 |  |
| 28   | Sun | 9:50  | 1.4 | 7:17  | 1.1 | 2:16  | 0.2  | 3:22     | 0.9 | 5:32                                                                                | 6:41 |  |
| 29   | Mon | 11:00 | 1.5 |       |     | 2:53  | 0.2  |          |     | 5:32                                                                                | 6:40 |  |

| Date |     | High |    |       |     | Low  |     |      |     |  |      |   |
|------|-----|------|----|-------|-----|------|-----|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft | PM    | ft  | AM   | ft  | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 30   | Tue |      |    | 12:03 | 1.7 | 3:37 | 0.2 |      |     | 5:32                                                                               | 6:40 |  |
| 31   | Wed |      |    | 12:51 | 1.8 | 4:30 | 0.2 | 8:55 | 0.6 | 5:33                                                                               | 6:39 |  |