

## Pearl Harbor Entrance, Bishop Point, HI - May 1850

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 8:01  | 0.4 | 8:13  | 1.6 | 3:09  | 0.2  | 12:01    | 0.2  | 5:29                                                                                | 6:25 |    |
| 2    | Thu | 9:42  | 0.4 | 9:06  | 1.5 | 4:22  | 0.2  | 12:41    | 0.4  | 5:28                                                                                | 6:25 |    |
| 3    | Fri | 11:48 | 0.5 | 10:08 | 1.4 | 5:24  | 0.2  | 2:36     | 0.5  | 5:27                                                                                | 6:26 |    |
| 4    | Sat |       |     | 12:35 | 0.7 | 6:02  | 0.1  | 4:11     | 0.5  | 5:27                                                                                | 6:26 |    |
| 5    | Sun |       |     | 1:06  | 0.9 | 6:30  | 0.0  | 5:40     | 0.5  | 5:26                                                                                | 6:27 |    |
| 6    | Mon | 12:12 | 1.4 | 1:36  | 1.1 | 6:55  | 0.0  | 6:47     | 0.4  | 5:26                                                                                | 6:27 |    |
| 7    | Tue | 12:57 | 1.3 | 2:08  | 1.3 | 7:21  | -0.1 | 7:43     | 0.3  | 5:25                                                                                | 6:27 |    |
| 8    | Wed | 1:38  | 1.3 | 2:41  | 1.6 | 7:49  | -0.1 | 8:38     | 0.3  | 5:25                                                                                | 6:28 |    |
| 9    | Thu | 2:18  | 1.2 | 3:15  | 1.8 | 8:19  | -0.2 | 9:31     | 0.2  | 5:24                                                                                | 6:28 |    |
| 10   | Fri | 2:57  | 1.1 | 3:50  | 1.9 | 8:50  | -0.2 | 10:21    | 0.1  | 5:24                                                                                | 6:29 |    |
| 11   | Sat | 3:36  | 0.9 | 4:26  | 2.1 | 9:23  | -0.2 | 11:10    | 0.1  | 5:23                                                                                | 6:29 |    |
| 12   | Sun | 4:15  | 0.8 | 5:04  | 2.1 | 9:57  | -0.2 |          |      | 5:23                                                                                | 6:29 |    |
| 13   | Mon | 4:55  | 0.7 | 5:46  | 2.2 | 12:02 | 0.0  | 10:31 AM | -0.2 | 5:22                                                                                | 6:30 |    |
| 14   | Tue | 5:43  | 0.5 | 6:36  | 2.1 | 1:01  | 0.0  | 11:07 AM | -0.1 | 5:22                                                                                | 6:30 |   |
| 15   | Wed | 7:00  | 0.4 | 7:32  | 2.0 | 2:09  | 0.0  | 11:48 AM | 0.0  | 5:21                                                                                | 6:31 |  |
| 16   | Thu | 8:39  | 0.4 | 8:32  | 1.9 | 3:15  | 0.0  | 12:48    | 0.2  | 5:21                                                                                | 6:31 |  |
| 17   | Fri | 10:11 | 0.6 | 9:34  | 1.7 | 4:18  | 0.0  | 2:14     | 0.4  | 5:21                                                                                | 6:32 |  |
| 18   | Sat | 11:40 | 0.8 | 10:42 | 1.6 | 5:13  | -0.1 | 3:48     | 0.5  | 5:20                                                                                | 6:32 |  |
| 19   | Sun |       |     | 12:38 | 1.1 | 5:57  | -0.1 | 5:31     | 0.5  | 5:20                                                                                | 6:32 |  |
| 20   | Mon |       |     | 1:22  | 1.4 | 6:32  | -0.2 | 6:55     | 0.5  | 5:20                                                                                | 6:33 |  |
| 21   | Tue | 12:43 | 1.3 | 2:03  | 1.6 | 7:04  | -0.2 | 8:03     | 0.4  | 5:19                                                                                | 6:33 |  |
| 22   | Wed | 1:31  | 1.2 | 2:42  | 1.8 | 7:35  | -0.2 | 9:05     | 0.3  | 5:19                                                                                | 6:34 |  |
| 23   | Thu | 2:16  | 1.0 | 3:20  | 2.0 | 8:06  | -0.2 | 9:59     | 0.2  | 5:19                                                                                | 6:34 |  |
| 24   | Fri | 2:59  | 0.9 | 3:56  | 2.0 | 8:38  | -0.2 | 10:45    | 0.2  | 5:18                                                                                | 6:35 |  |
| 25   | Sat | 3:40  | 0.8 | 4:30  | 2.1 | 9:10  | -0.2 | 11:28    | 0.2  | 5:18                                                                                | 6:35 |  |
| 26   | Sun | 4:18  | 0.7 | 5:03  | 2.1 | 9:41  | -0.1 |          |      | 5:18                                                                                | 6:35 |  |
| 27   | Mon | 4:53  | 0.6 | 5:36  | 2.0 | 12:11 | 0.2  | 10:10 AM | 0.0  | 5:18                                                                                | 6:36 |  |
| 28   | Tue | 5:29  | 0.5 | 6:09  | 1.9 | 12:58 | 0.2  | 10:37 AM | 0.0  | 5:18                                                                                | 6:36 |  |

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|------|-----|------|-----|------|-----|------|-----|----------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM       | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 29   | Wed | 6:22 | 0.4 | 6:44 | 1.8 | 1:50 | 0.2 | 11:02 AM | 0.2 | 5:17                                                                               | 6:37 |  |
| 30   | Thu | 7:57 | 0.4 | 7:24 | 1.7 | 2:39 | 0.2 | 11:25 AM | 0.3 | 5:17                                                                               | 6:37 |  |
| 31   | Fri | 9:17 | 0.5 | 8:07 | 1.6 | 3:24 | 0.1 | 11:52 AM | 0.4 | 5:17                                                                               | 6:38 |  |