

## Pukoo Harbor, HI - Dec 1890

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 6:23  | 2.0 | 7:23     | 0.6 |       |     | 2:35  | 0.3  | 6:16                                                                                | 5:13 |    |
| 2    | Tue | 7:12  | 1.9 | 9:11     | 0.7 |       |     | 3:26  | 0.2  | 6:17                                                                                | 5:13 |    |
| 3    | Wed | 8:06  | 1.8 | 10:29    | 0.9 | 12:30 | 0.6 | 4:08  | 0.2  | 6:18                                                                                | 5:13 |    |
| 4    | Thu | 9:00  | 1.7 | 11:16    | 1.1 | 2:19  | 0.7 | 4:43  | 0.2  | 6:18                                                                                | 5:13 |    |
| 5    | Fri | 9:52  | 1.6 | 11:52    | 1.4 | 4:00  | 0.8 | 5:12  | 0.1  | 6:19                                                                                | 5:14 |    |
| 6    | Sat | 10:39 | 1.4 |          |     | 5:21  | 0.7 | 5:39  | 0.0  | 6:20                                                                                | 5:14 |    |
| 7    | Sun | 12:25 | 1.6 | 11:23 AM | 1.3 | 6:29  | 0.6 | 6:05  | 0.0  | 6:20                                                                                | 5:14 |    |
| 8    | Mon | 12:57 | 1.9 | 12:06    | 1.2 | 7:28  | 0.5 | 6:31  | -0.1 | 6:21                                                                                | 5:14 |    |
| 9    | Tue | 1:30  | 2.1 | 12:49    | 1.1 | 8:22  | 0.4 | 7:00  | -0.2 | 6:22                                                                                | 5:15 |    |
| 10   | Wed | 2:06  | 2.3 | 1:32     | 1.0 | 9:13  | 0.3 | 7:31  | -0.2 | 6:22                                                                                | 5:15 |    |
| 11   | Thu | 2:45  | 2.5 | 2:16     | 0.9 | 10:04 | 0.2 | 8:06  | -0.3 | 6:23                                                                                | 5:15 |    |
| 12   | Fri | 3:26  | 2.6 | 3:03     | 0.8 | 10:55 | 0.2 | 8:43  | -0.3 | 6:23                                                                                | 5:16 |   |
| 13   | Sat | 4:09  | 2.6 | 3:54     | 0.7 | 11:47 | 0.1 | 9:25  | -0.2 | 6:24                                                                                | 5:16 |  |
| 14   | Sun | 4:56  | 2.5 | 4:54     | 0.7 |       |     | 12:41 | 0.1  | 6:25                                                                                | 5:16 |  |
| 15   | Mon | 5:45  | 2.4 | 6:08     | 0.7 |       |     | 1:36  | 0.1  | 6:25                                                                                | 5:17 |  |
| 16   | Tue | 6:37  | 2.3 | 7:40     | 0.8 |       |     | 2:29  | 0.1  | 6:26                                                                                | 5:17 |  |
| 17   | Wed | 7:32  | 2.1 | 9:14     | 1.0 | 12:14 | 0.4 | 3:18  | 0.0  | 6:26                                                                                | 5:18 |  |
| 18   | Thu | 8:29  | 1.8 | 10:30    | 1.3 | 1:53  | 0.6 | 4:01  | 0.0  | 6:27                                                                                | 5:18 |  |
| 19   | Fri | 9:28  | 1.6 | 11:27    | 1.6 | 3:45  | 0.7 | 4:40  | -0.1 | 6:27                                                                                | 5:18 |  |
| 20   | Sat | 10:26 | 1.4 |          |     | 5:27  | 0.7 | 5:15  | -0.1 | 6:28                                                                                | 5:19 |  |
| 21   | Sun | 12:14 | 1.9 | 11:21 AM | 1.2 | 6:52  | 0.6 | 5:48  | -0.2 | 6:28                                                                                | 5:19 |  |
| 22   | Mon | 12:55 | 2.1 | 12:12    | 1.0 | 8:00  | 0.5 | 6:21  | -0.2 | 6:29                                                                                | 5:20 |  |
| 23   | Tue | 1:34  | 2.3 | 1:00     | 0.9 | 8:54  | 0.4 | 6:54  | -0.2 | 6:29                                                                                | 5:20 |  |
| 24   | Wed | 2:11  | 2.4 | 1:45     | 0.8 | 9:40  | 0.3 | 7:27  | -0.2 | 6:30                                                                                | 5:21 |  |
| 25   | Thu | 2:47  | 2.4 | 2:28     | 0.7 | 10:20 | 0.2 | 8:02  | -0.2 | 6:30                                                                                | 5:22 |  |
| 26   | Fri | 3:22  | 2.4 | 3:09     | 0.7 | 10:57 | 0.2 | 8:37  | -0.1 | 6:31                                                                                | 5:22 |  |
| 27   | Sat | 3:58  | 2.3 | 3:49     | 0.7 | 11:33 | 0.2 | 9:12  | -0.1 | 6:31                                                                                | 5:23 |  |
| 28   | Sun | 4:33  | 2.2 | 4:32     | 0.7 |       |     | 12:09 | 0.2  | 6:31                                                                                | 5:23 |  |
| 29   | Mon | 5:08  | 2.1 | 5:22     | 0.7 |       |     | 12:47 | 0.2  | 6:32                                                                                | 5:24 |  |
| 30   | Tue | 5:43  | 2.0 | 6:24     | 0.7 |       |     | 1:27  | 0.2  | 6:32                                                                                | 5:24 |  |
| 31   | Wed | 6:18  | 1.9 | 7:43     | 0.8 |       |     | 2:08  | 0.2  | 6:33                                                                                | 5:25 |  |