

## Port Allen, Hanapepe Bay, HI - Nov 1883

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 4:17  | 2.2 | 3:31     | 1.0 | 11:07 | 0.6 | 9:26  | 0.0  | 6:10                                                                                | 5:30 |    |
| 2    | Fri | 4:51  | 2.1 | 4:00     | 0.9 | 11:54 | 0.6 | 9:52  | 0.1  | 6:11                                                                                | 5:29 |    |
| 3    | Sat | 5:30  | 2.1 | 4:33     | 0.8 |       |     | 12:51 | 0.6  | 6:11                                                                                | 5:29 |    |
| 4    | Sun | 6:13  | 2.0 | 5:19     | 0.7 |       |     | 2:03  | 0.6  | 6:12                                                                                | 5:28 |    |
| 5    | Mon | 7:05  | 1.9 | 6:53     | 0.7 |       |     | 3:24  | 0.6  | 6:12                                                                                | 5:28 |    |
| 6    | Tue | 8:05  | 1.9 | 9:28     | 0.7 |       |     | 4:22  | 0.5  | 6:13                                                                                | 5:27 |    |
| 7    | Wed | 9:10  | 1.8 | 11:06    | 1.0 | 1:08  | 0.6 | 5:00  | 0.4  | 6:14                                                                                | 5:27 |    |
| 8    | Thu | 10:12 | 1.7 | 11:59    | 1.3 | 3:18  | 0.8 | 5:31  | 0.2  | 6:14                                                                                | 5:26 |    |
| 9    | Fri | 11:07 | 1.6 |          |     | 5:03  | 0.7 | 6:01  | 0.1  | 6:15                                                                                | 5:26 |    |
| 10   | Sat | 12:42 | 1.6 | 11:55 AM | 1.5 | 6:22  | 0.7 | 6:31  | -0.1 | 6:15                                                                                | 5:26 |    |
| 11   | Sun | 1:22  | 1.9 | 12:40    | 1.4 | 7:27  | 0.6 | 7:01  | -0.2 | 6:16                                                                                | 5:25 |    |
| 12   | Mon | 2:02  | 2.2 | 1:22     | 1.3 | 8:25  | 0.5 | 7:34  | -0.3 | 6:17                                                                                | 5:25 |   |
| 13   | Tue | 2:43  | 2.4 | 2:04     | 1.2 | 9:19  | 0.4 | 8:08  | -0.4 | 6:17                                                                                | 5:25 |  |
| 14   | Wed | 3:25  | 2.6 | 2:45     | 1.1 | 10:12 | 0.4 | 8:44  | -0.4 | 6:18                                                                                | 5:24 |  |
| 15   | Thu | 4:07  | 2.6 | 3:28     | 0.9 | 11:06 | 0.4 | 9:21  | -0.3 | 6:18                                                                                | 5:24 |  |
| 16   | Fri | 4:52  | 2.5 | 4:14     | 0.8 |       |     | 12:02 | 0.4  | 6:19                                                                                | 5:24 |  |
| 17   | Sat | 5:38  | 2.4 | 5:10     | 0.8 |       |     | 1:02  | 0.4  | 6:20                                                                                | 5:24 |  |
| 18   | Sun | 6:26  | 2.2 | 6:25     | 0.7 |       |     | 2:07  | 0.4  | 6:20                                                                                | 5:23 |  |
| 19   | Mon | 7:18  | 2.0 | 8:17     | 0.8 |       |     | 3:11  | 0.4  | 6:21                                                                                | 5:23 |  |
| 20   | Tue | 8:14  | 1.8 | 10:21    | 0.9 | 12:29 | 0.6 | 4:06  | 0.3  | 6:22                                                                                | 5:23 |  |
| 21   | Wed | 9:12  | 1.6 | 11:39    | 1.2 | 2:10  | 0.8 | 4:49  | 0.2  | 6:22                                                                                | 5:23 |  |
| 22   | Thu | 10:10 | 1.5 |          |     | 4:15  | 0.9 | 5:24  | 0.2  | 6:23                                                                                | 5:23 |  |
| 23   | Fri | 12:26 | 1.4 | 11:01 AM | 1.3 | 5:53  | 0.9 | 5:54  | 0.1  | 6:24                                                                                | 5:23 |  |
| 24   | Sat | 1:03  | 1.6 | 11:46 AM | 1.2 | 7:03  | 0.8 | 6:20  | 0.0  | 6:24                                                                                | 5:23 |  |
| 25   | Sun | 1:34  | 1.8 | 12:26    | 1.1 | 7:56  | 0.7 | 6:46  | 0.0  | 6:25                                                                                | 5:22 |  |
| 26   | Mon | 2:04  | 2.0 | 1:02     | 1.1 | 8:39  | 0.6 | 7:11  | -0.1 | 6:26                                                                                | 5:22 |  |
| 27   | Tue | 2:33  | 2.1 | 1:36     | 1.0 | 9:18  | 0.6 | 7:38  | -0.1 | 6:26                                                                                | 5:22 |  |
| 28   | Wed | 3:02  | 2.2 | 2:08     | 0.9 | 9:54  | 0.5 | 8:05  | -0.1 | 6:27                                                                                | 5:22 |  |
| 29   | Thu | 3:32  | 2.3 | 2:41     | 0.9 | 10:30 | 0.5 | 8:34  | -0.1 | 6:28                                                                                | 5:22 |  |
| 30   | Fri | 4:03  | 2.3 | 3:16     | 0.8 | 11:08 | 0.5 | 9:03  | -0.1 | 6:28                                                                                | 5:23 |  |