

## Port Allen, Hanapepe Bay, HI - Jul 1860

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 1:25  | 0.5 | 3:11  | 2.4 | 7:17  | -0.3 | 10:44    | 0.3 | 5:27                                                                                | 6:54 |    |
| 2    | Mon | 2:17  | 0.6 | 3:46  | 2.4 | 7:59  | -0.3 | 11:11    | 0.3 | 5:27                                                                                | 6:54 |    |
| 3    | Tue | 3:03  | 0.6 | 4:20  | 2.3 | 8:39  | -0.2 | 11:39    | 0.3 | 5:27                                                                                | 6:54 |    |
| 4    | Wed | 3:47  | 0.7 | 4:51  | 2.2 | 9:17  | -0.1 |          |     | 5:28                                                                                | 6:54 |    |
| 5    | Thu | 4:32  | 0.7 | 5:21  | 2.1 | 12:08 | 0.3  | 9:54 AM  | 0.0 | 5:28                                                                                | 6:54 |    |
| 6    | Fri | 5:21  | 0.7 | 5:49  | 1.9 | 12:37 | 0.3  | 10:30 AM | 0.2 | 5:28                                                                                | 6:54 |    |
| 7    | Sat | 6:19  | 0.8 | 6:14  | 1.8 | 1:05  | 0.3  | 11:07 AM | 0.4 | 5:29                                                                                | 6:53 |    |
| 8    | Sun | 7:29  | 0.9 | 6:35  | 1.6 | 1:34  | 0.2  | 11:51 AM | 0.6 | 5:29                                                                                | 6:53 |    |
| 9    | Mon | 8:55  | 1.0 | 6:52  | 1.4 | 2:02  | 0.2  | 12:54    | 0.9 | 5:30                                                                                | 6:53 |    |
| 10   | Tue | 10:26 | 1.2 | 6:58  | 1.2 | 2:32  | 0.1  | 3:03     | 1.1 | 5:30                                                                                | 6:53 |    |
| 11   | Wed | 11:32 | 1.5 |       |     | 3:06  | 0.1  |          |     | 5:30                                                                                | 6:53 |    |
| 12   | Thu |       |     | 12:20 | 1.7 | 3:46  | 0.0  |          |     | 5:31                                                                                | 6:53 |   |
| 13   | Fri |       |     | 1:00  | 2.0 | 4:32  | -0.1 |          |     | 5:31                                                                                | 6:53 |  |
| 14   | Sat |       |     | 1:37  | 2.2 | 5:22  | -0.1 | 9:32     | 0.6 | 5:32                                                                                | 6:53 |  |
| 15   | Sun |       |     | 2:15  | 2.4 | 6:12  | -0.2 | 9:49     | 0.5 | 5:32                                                                                | 6:52 |  |
| 16   | Mon | 1:03  | 0.6 | 2:52  | 2.5 | 7:01  | -0.3 | 10:14    | 0.4 | 5:32                                                                                | 6:52 |  |
| 17   | Tue | 1:59  | 0.7 | 3:29  | 2.6 | 7:48  | -0.4 | 10:42    | 0.3 | 5:33                                                                                | 6:52 |  |
| 18   | Wed | 2:51  | 0.8 | 4:06  | 2.6 | 8:34  | -0.4 | 11:12    | 0.2 | 5:33                                                                                | 6:52 |  |
| 19   | Thu | 3:43  | 0.8 | 4:41  | 2.5 | 9:21  | -0.3 | 11:43    | 0.2 | 5:34                                                                                | 6:51 |  |
| 20   | Fri | 4:40  | 0.9 | 5:16  | 2.3 | 10:08 | -0.1 |          |     | 5:34                                                                                | 6:51 |  |
| 21   | Sat | 5:42  | 1.0 | 5:49  | 2.0 | 12:15 | 0.1  | 11:00 AM | 0.2 | 5:34                                                                                | 6:51 |  |
| 22   | Sun | 6:53  | 1.2 | 6:19  | 1.7 | 12:48 | 0.0  | 12:00    | 0.5 | 5:35                                                                                | 6:50 |  |
| 23   | Mon | 8:15  | 1.4 | 6:45  | 1.4 | 1:23  | 0.0  | 1:23     | 0.8 | 5:35                                                                                | 6:50 |  |
| 24   | Tue | 9:44  | 1.6 | 7:01  | 1.1 | 2:00  | -0.1 | 3:45     | 1.0 | 5:36                                                                                | 6:50 |  |
| 25   | Wed | 11:06 | 1.8 |       |     | 2:43  | -0.1 |          |     | 5:36                                                                                | 6:49 |  |
| 26   | Thu |       |     | 12:09 | 2.0 | 3:35  | -0.1 |          |     | 5:36                                                                                | 6:49 |  |
| 27   | Fri |       |     | 1:00  | 2.2 | 4:34  | -0.1 | 9:18     | 0.5 | 5:37                                                                                | 6:48 |  |
| 28   | Sat |       |     | 1:43  | 2.3 | 5:34  | -0.1 | 9:28     | 0.5 | 5:37                                                                                | 6:48 |  |
| 29   | Sun | 12:47 | 0.6 | 2:21  | 2.3 | 6:29  | -0.1 | 9:46     | 0.4 | 5:38                                                                                | 6:48 |  |
| 30   | Mon | 1:40  | 0.7 | 2:54  | 2.3 | 7:17  | -0.1 | 10:05    | 0.4 | 5:38                                                                                | 6:47 |  |

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|------|-----|------|-----|------|-----|------|------|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft   | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Tue | 2:22 | 0.8 | 3:24 | 2.3 | 7:59 | -0.1 | 10:25 | 0.4 | 5:38                                                                               | 6:47 |  |