

## Hanauma Bay, HI - Oct 1963

| Date |     | High  |     |       |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 1:47  | 1.5 | 2:00  | 2.1 | 7:46  | 0.2 | 8:41  | 0.1  | 6:21                                                                                | 6:19 |    |
| 2    | Wed | 2:29  | 1.7 | 2:38  | 2.0 | 8:37  | 0.2 | 9:11  | 0.0  | 6:22                                                                                | 6:18 |    |
| 3    | Thu | 3:12  | 1.9 | 3:17  | 1.8 | 9:31  | 0.2 | 9:42  | 0.0  | 6:22                                                                                | 6:17 |    |
| 4    | Fri | 3:58  | 2.0 | 3:57  | 1.6 | 10:28 | 0.3 | 10:15 | 0.0  | 6:22                                                                                | 6:16 |    |
| 5    | Sat | 4:47  | 2.1 | 4:39  | 1.3 | 11:31 | 0.4 | 10:49 | 0.1  | 6:23                                                                                | 6:15 |    |
| 6    | Sun | 5:41  | 2.2 | 5:27  | 1.1 |       |     | 12:45 | 0.5  | 6:23                                                                                | 6:14 |    |
| 7    | Mon | 6:42  | 2.2 | 6:32  | 0.9 |       |     | 2:14  | 0.5  | 6:23                                                                                | 6:13 |    |
| 8    | Tue | 7:52  | 2.1 | 8:13  | 0.8 | 12:15 | 0.3 | 3:54  | 0.5  | 6:23                                                                                | 6:12 |    |
| 9    | Wed | 9:07  | 2.1 | 10:02 | 0.8 | 1:20  | 0.4 | 5:17  | 0.4  | 6:24                                                                                | 6:12 |    |
| 10   | Thu | 10:16 | 2.1 | 11:18 | 0.9 | 2:49  | 0.5 | 6:08  | 0.3  | 6:24                                                                                | 6:11 |    |
| 11   | Fri | 11:15 | 2.0 |       |     | 4:18  | 0.5 | 6:45  | 0.2  | 6:24                                                                                | 6:10 |    |
| 12   | Sat | 12:10 | 1.1 | 12:03 | 2.0 | 5:29  | 0.5 | 7:13  | 0.2  | 6:25                                                                                | 6:09 |   |
| 13   | Sun | 12:50 | 1.3 | 12:44 | 1.9 | 6:27  | 0.4 | 7:38  | 0.2  | 6:25                                                                                | 6:08 |  |
| 14   | Mon | 1:26  | 1.4 | 1:20  | 1.8 | 7:17  | 0.4 | 8:01  | 0.2  | 6:25                                                                                | 6:07 |  |
| 15   | Tue | 2:00  | 1.6 | 1:53  | 1.7 | 8:02  | 0.4 | 8:22  | 0.2  | 6:26                                                                                | 6:06 |  |
| 16   | Wed | 2:32  | 1.7 | 2:23  | 1.6 | 8:44  | 0.4 | 8:44  | 0.1  | 6:26                                                                                | 6:06 |  |
| 17   | Thu | 3:04  | 1.8 | 2:52  | 1.5 | 9:26  | 0.4 | 9:06  | 0.1  | 6:27                                                                                | 6:05 |  |
| 18   | Fri | 3:36  | 1.9 | 3:19  | 1.3 | 10:09 | 0.4 | 9:28  | 0.2  | 6:27                                                                                | 6:04 |  |
| 19   | Sat | 4:09  | 1.9 | 3:47  | 1.2 | 10:55 | 0.5 | 9:50  | 0.2  | 6:27                                                                                | 6:03 |  |
| 20   | Sun | 4:44  | 1.9 | 4:16  | 1.0 | 11:46 | 0.5 | 10:14 | 0.2  | 6:28                                                                                | 6:03 |  |
| 21   | Mon | 5:23  | 1.9 | 4:48  | 0.9 |       |     | 12:45 | 0.6  | 6:28                                                                                | 6:02 |  |
| 22   | Tue | 6:10  | 1.9 | 5:33  | 0.7 |       |     | 1:58  | 0.6  | 6:29                                                                                | 6:01 |  |
| 23   | Wed | 7:08  | 1.8 | 7:06  | 0.6 |       |     | 3:21  | 0.5  | 6:29                                                                                | 6:00 |  |
| 24   | Thu | 8:17  | 1.8 | 9:30  | 0.7 |       |     | 4:32  | 0.4  | 6:29                                                                                | 6:00 |  |
| 25   | Fri | 9:26  | 1.8 | 10:47 | 0.8 | 1:25  | 0.6 | 5:19  | 0.3  | 6:30                                                                                | 5:59 |  |
| 26   | Sat | 10:25 | 1.9 | 11:34 | 1.0 | 3:17  | 0.6 | 5:53  | 0.2  | 6:30                                                                                | 5:58 |  |
| 27   | Sun | 11:16 | 1.9 |       |     | 4:42  | 0.5 | 6:24  | 0.1  | 6:31                                                                                | 5:58 |  |
| 28   | Mon | 12:14 | 1.2 | 12:01 | 1.9 | 5:49  | 0.5 | 6:53  | 0.1  | 6:31                                                                                | 5:57 |  |
| 29   | Tue | 12:53 | 1.5 | 12:43 | 1.8 | 6:49  | 0.4 | 7:23  | 0.0  | 6:32                                                                                | 5:56 |  |
| 30   | Wed | 1:33  | 1.8 | 1:25  | 1.7 | 7:46  | 0.3 | 7:53  | -0.1 | 6:32                                                                                | 5:56 |  |
| 31   | Thu | 2:14  | 2.1 | 2:06  | 1.6 | 8:42  | 0.3 | 8:24  | -0.1 | 6:33                                                                                | 5:55 |  |