

## Avalon, Santa Catalina Island, CA - Nov 1854

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 6:50  | 5.5 | 6:50     | 4.9 | 12:20 | 0.0 | 12:59 | 0.9  | 6:19                                                                                | 5:09 |    |
| 2    | Thu | 7:18  | 5.9 | 7:39     | 4.7 | 12:54 | 0.3 | 1:42  | 0.3  | 6:19                                                                                | 5:08 |    |
| 3    | Fri | 7:46  | 6.1 | 8:25     | 4.5 | 1:25  | 0.6 | 2:23  | -0.1 | 6:20                                                                                | 5:07 |    |
| 4    | Sat | 8:13  | 6.2 | 9:09     | 4.2 | 1:54  | 1.0 | 3:02  | -0.4 | 6:21                                                                                | 5:06 |    |
| 5    | Sun | 8:40  | 6.2 | 9:55     | 3.9 | 2:21  | 1.5 | 3:39  | -0.4 | 6:22                                                                                | 5:05 |    |
| 6    | Mon | 9:05  | 6.1 | 10:44    | 3.5 | 2:45  | 1.9 | 4:18  | -0.3 | 6:23                                                                                | 5:04 |    |
| 7    | Tue | 9:30  | 5.8 | 11:43    | 3.2 | 3:07  | 2.3 | 4:58  | -0.1 | 6:24                                                                                | 5:03 |    |
| 8    | Wed | 9:56  | 5.5 |          |     | 3:25  | 2.6 | 5:43  | 0.2  | 6:25                                                                                | 5:03 |    |
| 9    | Thu | 1:05  | 3.1 | 10:25 AM | 5.1 | 3:32  | 2.9 | 6:38  | 0.4  | 6:26                                                                                | 5:02 |    |
| 10   | Fri | 11:02 | 4.7 |          |     |       |     | 7:49  | 0.6  | 6:27                                                                                | 5:01 |    |
| 11   | Sat |       |     | 12:00    | 4.3 |       |     | 9:04  | 0.7  | 6:28                                                                                | 5:00 |    |
| 12   | Sun | 5:43  | 3.8 | 1:44     | 4.0 | 9:25  | 3.6 | 10:01 | 0.7  | 6:29                                                                                | 5:00 |   |
| 13   | Mon | 5:38  | 4.0 | 3:29     | 3.9 | 10:53 | 3.1 | 10:43 | 0.6  | 6:30                                                                                | 4:59 |  |
| 14   | Tue | 5:49  | 4.4 | 4:44     | 3.9 | 11:36 | 2.4 | 11:17 | 0.6  | 6:30                                                                                | 4:59 |  |
| 15   | Wed | 6:05  | 4.8 | 5:41     | 4.0 |       |     | 12:11 | 1.8  | 6:31                                                                                | 4:58 |  |
| 16   | Thu | 6:25  | 5.2 | 6:31     | 4.1 |       |     | 12:45 | 1.1  | 6:32                                                                                | 4:57 |  |
| 17   | Fri | 6:47  | 5.6 | 7:18     | 4.2 | 12:16 | 0.8 | 1:20  | 0.4  | 6:33                                                                                | 4:57 |  |
| 18   | Sat | 7:12  | 6.0 | 8:03     | 4.1 | 12:46 | 1.0 | 1:57  | -0.2 | 6:34                                                                                | 4:56 |  |
| 19   | Sun | 7:39  | 6.4 | 8:50     | 4.0 | 1:16  | 1.2 | 2:36  | -0.7 | 6:35                                                                                | 4:56 |  |
| 20   | Mon | 8:09  | 6.6 | 9:40     | 3.8 | 1:47  | 1.5 | 3:18  | -1.0 | 6:36                                                                                | 4:55 |  |
| 21   | Tue | 8:43  | 6.7 | 10:36    | 3.6 | 2:20  | 1.8 | 4:03  | -1.2 | 6:37                                                                                | 4:55 |  |
| 22   | Wed | 9:21  | 6.6 | 11:42    | 3.4 | 2:54  | 2.2 | 4:53  | -1.1 | 6:38                                                                                | 4:55 |  |
| 23   | Thu | 10:04 | 6.3 |          |     | 3:32  | 2.5 | 5:49  | -0.9 | 6:39                                                                                | 4:54 |  |
| 24   | Fri | 1:00  | 3.3 | 10:55 AM | 5.9 | 4:19  | 2.8 | 6:53  | -0.6 | 6:40                                                                                | 4:54 |  |
| 25   | Sat | 2:28  | 3.5 | 12:00    | 5.3 | 5:35  | 3.2 | 8:03  | -0.3 | 6:41                                                                                | 4:54 |  |
| 26   | Sun | 3:40  | 3.8 | 1:27     | 4.7 | 7:46  | 3.2 | 9:11  | -0.1 | 6:42                                                                                | 4:53 |  |
| 27   | Mon | 4:30  | 4.3 | 3:06     | 4.2 | 9:57  | 2.7 | 10:09 | 0.2  | 6:42                                                                                | 4:53 |  |
| 28   | Tue | 5:08  | 4.8 | 4:35     | 4.0 | 11:15 | 1.9 | 10:57 | 0.4  | 6:43                                                                                | 4:53 |  |
| 29   | Wed | 5:43  | 5.3 | 5:48     | 3.9 |       |     | 12:11 | 1.1  | 6:44                                                                                | 4:53 |  |
| 30   | Thu | 6:15  | 5.7 | 6:49     | 3.9 |       |     | 12:58 | 0.4  | 6:45                                                                                | 4:53 |  |