

## Avalon, Santa Catalina Island, CA - Jan 1839

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 9:13  | 6.3 | 11:24    | 3.6 | 2:53  | 2.3 | 4:41  | -1.1 | 7:04                                                                                | 5:03 |    |
| 2    | Wed | 9:51  | 5.8 |          |     | 3:37  | 2.4 | 5:16  | -0.8 | 7:04                                                                                | 5:04 |    |
| 3    | Thu | 12:05 | 3.6 | 10:27 AM | 5.3 | 4:22  | 2.5 | 5:49  | -0.3 | 7:04                                                                                | 5:05 |    |
| 4    | Fri | 12:46 | 3.7 | 11:04 AM | 4.7 | 5:13  | 2.6 | 6:20  | 0.2  | 7:05                                                                                | 5:06 |    |
| 5    | Sat | 1:27  | 3.8 | 11:46 AM | 4.0 | 6:16  | 2.7 | 6:51  | 0.6  | 7:05                                                                                | 5:06 |    |
| 6    | Sun | 2:09  | 3.9 | 12:40    | 3.3 | 7:50  | 2.6 | 7:22  | 1.1  | 7:05                                                                                | 5:07 |    |
| 7    | Mon | 2:51  | 4.1 | 2:11     | 2.7 | 9:52  | 2.2 | 7:59  | 1.6  | 7:05                                                                                | 5:08 |    |
| 8    | Tue | 3:34  | 4.4 | 4:24     | 2.4 | 11:14 | 1.6 | 8:46  | 1.9  | 7:05                                                                                | 5:09 |    |
| 9    | Wed | 4:18  | 4.7 | 6:16     | 2.6 |       |     | 12:07 | 1.0  | 7:05                                                                                | 5:10 |    |
| 10   | Thu | 5:01  | 5.0 | 7:19     | 2.8 |       |     | 12:48 | 0.4  | 7:05                                                                                | 5:11 |    |
| 11   | Fri | 5:43  | 5.4 | 8:01     | 3.0 |       |     | 1:24  | -0.2 | 7:05                                                                                | 5:12 |  |
| 12   | Sat | 6:23  | 5.7 | 8:35     | 3.2 |       |     | 1:59  | -0.7 | 7:05                                                                                | 5:12 |  |
| 13   | Sun | 7:01  | 6.1 | 9:07     | 3.4 | 12:28 | 2.4 | 2:32  | -1.0 | 7:04                                                                                | 5:13 |  |
| 14   | Mon | 7:38  | 6.3 | 9:40     | 3.5 | 1:12  | 2.3 | 3:06  | -1.3 | 7:04                                                                                | 5:14 |  |
| 15   | Tue | 8:16  | 6.5 | 10:13    | 3.6 | 1:54  | 2.1 | 3:39  | -1.4 | 7:04                                                                                | 5:15 |  |
| 16   | Wed | 8:54  | 6.4 | 10:47    | 3.8 | 2:38  | 2.0 | 4:12  | -1.4 | 7:04                                                                                | 5:16 |  |
| 17   | Thu | 9:34  | 6.2 | 11:22    | 4.0 | 3:23  | 1.9 | 4:46  | -1.2 | 7:04                                                                                | 5:17 |  |
| 18   | Fri | 10:17 | 5.7 | 11:59    | 4.2 | 4:14  | 1.9 | 5:19  | -0.8 | 7:03                                                                                | 5:18 |  |
| 19   | Sat | 11:05 | 5.0 |          |     | 5:11  | 1.8 | 5:53  | -0.2 | 7:03                                                                                | 5:19 |  |
| 20   | Sun | 12:40 | 4.5 | 12:02    | 4.1 | 6:21  | 1.7 | 6:29  | 0.4  | 7:03                                                                                | 5:20 |  |
| 21   | Mon | 1:26  | 4.7 | 1:18     | 3.2 | 7:52  | 1.5 | 7:08  | 1.0  | 7:02                                                                                | 5:21 |  |
| 22   | Tue | 2:19  | 5.0 | 3:14     | 2.6 | 9:42  | 1.1 | 7:56  | 1.6  | 7:02                                                                                | 5:22 |  |
| 23   | Wed | 3:19  | 5.3 | 5:34     | 2.5 | 11:13 | 0.4 | 9:05  | 2.1  | 7:01                                                                                | 5:23 |  |
| 24   | Thu | 4:24  | 5.6 | 7:06     | 2.8 |       |     | 12:19 | -0.3 | 7:01                                                                                | 5:24 |  |
| 25   | Fri | 5:25  | 5.9 | 7:56     | 3.2 |       |     | 1:11  | -0.9 | 7:00                                                                                | 5:25 |  |
| 26   | Sat | 6:20  | 6.1 | 8:34     | 3.4 |       |     | 1:56  | -1.2 | 7:00                                                                                | 5:26 |  |
| 27   | Sun | 7:08  | 6.3 | 9:08     | 3.6 | 12:44 | 2.2 | 2:35  | -1.4 | 6:59                                                                                | 5:27 |  |
| 28   | Mon | 7:51  | 6.3 | 9:39     | 3.7 | 1:33  | 2.1 | 3:11  | -1.4 | 6:59                                                                                | 5:28 |  |
| 29   | Tue | 8:30  | 6.2 | 10:09    | 3.8 | 2:17  | 1.9 | 3:43  | -1.2 | 6:58                                                                                | 5:29 |  |
| 30   | Wed | 9:05  | 5.9 | 10:38    | 3.9 | 2:57  | 1.8 | 4:11  | -0.9 | 6:58                                                                                | 5:29 |  |
| 31   | Thu | 9:38  | 5.5 | 11:06    | 4.0 | 3:35  | 1.8 | 4:37  | -0.6 | 6:57                                                                                | 5:30 |  |