

## Avalon, Santa Catalina Island, CA - May 1850

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed |       |     | 2:00  | 2.9 | 6:38  | 0.3  | 5:07     | 2.6 | 5:11                                                                                | 6:42 |    |
| 2    | Thu |       |     | 3:49  | 3.0 | 7:43  | 0.5  | 6:14     | 2.9 | 5:10                                                                                | 6:43 |    |
| 3    | Fri | 12:37 | 3.9 | 4:57  | 3.3 | 8:58  | 0.6  | 9:01     | 3.0 | 5:09                                                                                | 6:44 |    |
| 4    | Sat | 2:09  | 3.6 | 5:26  | 3.6 | 10:02 | 0.6  | 10:47    | 2.6 | 5:09                                                                                | 6:44 |    |
| 5    | Sun | 3:45  | 3.5 | 5:50  | 3.9 | 10:51 | 0.5  | 11:37    | 2.0 | 5:08                                                                                | 6:45 |    |
| 6    | Mon | 4:57  | 3.7 | 6:14  | 4.3 | 11:30 | 0.4  |          |     | 5:07                                                                                | 6:46 |    |
| 7    | Tue | 5:53  | 3.8 | 6:38  | 4.7 | 12:16 | 1.5  | 12:04    | 0.4 | 5:06                                                                                | 6:47 |    |
| 8    | Wed | 6:41  | 4.0 | 7:04  | 5.1 | 12:51 | 0.9  | 12:36    | 0.4 | 5:05                                                                                | 6:47 |    |
| 9    | Thu | 7:26  | 4.1 | 7:31  | 5.5 | 1:27  | 0.3  | 1:07     | 0.5 | 5:04                                                                                | 6:48 |    |
| 10   | Fri | 8:10  | 4.2 | 7:59  | 5.8 | 2:04  | -0.3 | 1:40     | 0.7 | 5:03                                                                                | 6:49 |    |
| 11   | Sat | 8:54  | 4.1 | 8:30  | 6.0 | 2:42  | -0.7 | 2:13     | 0.9 | 5:02                                                                                | 6:50 |    |
| 12   | Sun | 9:42  | 3.9 | 9:04  | 6.1 | 3:23  | -1.0 | 2:48     | 1.2 | 5:02                                                                                | 6:50 |   |
| 13   | Mon | 10:34 | 3.7 | 9:42  | 6.0 | 4:07  | -1.1 | 3:25     | 1.6 | 5:01                                                                                | 6:51 |  |
| 14   | Tue | 11:34 | 3.5 | 10:24 | 5.8 | 4:56  | -1.1 | 4:06     | 1.9 | 5:00                                                                                | 6:52 |  |
| 15   | Wed |       |     | 12:43 | 3.4 | 5:49  | -0.9 | 4:57     | 2.3 | 4:59                                                                                | 6:53 |  |
| 16   | Thu |       |     | 2:02  | 3.4 | 6:51  | -0.7 | 6:08     | 2.6 | 4:59                                                                                | 6:53 |  |
| 17   | Fri | 12:19 | 4.9 | 3:20  | 3.7 | 8:01  | -0.4 | 7:57     | 2.7 | 4:58                                                                                | 6:54 |  |
| 18   | Sat | 1:41  | 4.4 | 4:22  | 4.1 | 9:12  | -0.2 | 9:55     | 2.3 | 4:57                                                                                | 6:55 |  |
| 19   | Sun | 3:15  | 4.1 | 5:10  | 4.6 | 10:14 | 0.0  | 11:14    | 1.7 | 4:57                                                                                | 6:55 |  |
| 20   | Mon | 4:41  | 3.9 | 5:51  | 5.0 | 11:07 | 0.1  |          |     | 4:56                                                                                | 6:56 |  |
| 21   | Tue | 5:52  | 3.9 | 6:27  | 5.4 | 12:12 | 1.0  | 11:52 AM | 0.3 | 4:56                                                                                | 6:57 |  |
| 22   | Wed | 6:51  | 3.9 | 7:00  | 5.7 | 1:01  | 0.3  | 12:32    | 0.6 | 4:55                                                                                | 6:57 |  |
| 23   | Thu | 7:42  | 3.9 | 7:32  | 5.9 | 1:44  | -0.1 | 1:07     | 0.9 | 4:54                                                                                | 6:58 |  |
| 24   | Fri | 8:28  | 3.8 | 8:02  | 6.0 | 2:24  | -0.5 | 1:40     | 1.2 | 4:54                                                                                | 6:59 |  |
| 25   | Sat | 9:13  | 3.7 | 8:31  | 5.9 | 3:01  | -0.7 | 2:11     | 1.5 | 4:53                                                                                | 7:00 |  |
| 26   | Sun | 9:56  | 3.6 | 8:59  | 5.8 | 3:37  | -0.7 | 2:41     | 1.8 | 4:53                                                                                | 7:00 |  |
| 27   | Mon | 10:41 | 3.4 | 9:27  | 5.5 | 4:12  | -0.6 | 3:10     | 2.1 | 4:53                                                                                | 7:01 |  |
| 28   | Tue | 11:30 | 3.3 | 9:56  | 5.3 | 4:48  | -0.5 | 3:40     | 2.3 | 4:52                                                                                | 7:01 |  |
| 29   | Wed |       |     | 12:24 | 3.2 | 5:25  | -0.2 | 4:12     | 2.6 | 4:52                                                                                | 7:02 |  |
| 30   | Thu |       |     | 1:27  | 3.2 | 6:06  | 0.0  | 4:51     | 2.8 | 4:51                                                                                | 7:03 |  |
| 31   | Fri |       |     | 2:34  | 3.3 | 6:52  | 0.2  | 5:55     | 3.0 | 4:51                                                                                | 7:03 |  |