

## Santa Catalina Island, CA - Jul 1889

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon |       |     | 12:17 | 3.4 | 5:32  | -0.3 | 4:37     | 2.5 | 4:47                                                                                | 7:07 |    |
| 2    | Tue |       |     | 1:01  | 3.5 | 6:09  | -0.1 | 5:27     | 2.6 | 4:48                                                                                | 7:07 |    |
| 3    | Wed |       |     | 1:48  | 3.6 | 6:48  | 0.2  | 6:34     | 2.7 | 4:48                                                                                | 7:07 |    |
| 4    | Thu | 12:05 | 4.3 | 2:34  | 3.9 | 7:29  | 0.4  | 8:01     | 2.6 | 4:49                                                                                | 7:07 |    |
| 5    | Fri | 1:10  | 3.8 | 3:20  | 4.2 | 8:15  | 0.8  | 9:35     | 2.2 | 4:49                                                                                | 7:07 |    |
| 6    | Sat | 2:37  | 3.4 | 4:04  | 4.6 | 9:04  | 1.1  | 10:55    | 1.5 | 4:50                                                                                | 7:07 |    |
| 7    | Sun | 4:17  | 3.2 | 4:48  | 5.1 | 9:58  | 1.4  | 11:58    | 0.8 | 4:50                                                                                | 7:06 |    |
| 8    | Mon | 5:45  | 3.2 | 5:32  | 5.6 | 10:54 | 1.6  |          |     | 4:51                                                                                | 7:06 |    |
| 9    | Tue | 6:56  | 3.4 | 6:17  | 6.0 | 12:51 | 0.0  | 11:49 AM | 1.7 | 4:51                                                                                | 7:06 |    |
| 10   | Wed | 7:55  | 3.6 | 7:03  | 6.4 | 1:40  | -0.7 | 12:42    | 1.8 | 4:52                                                                                | 7:06 |    |
| 11   | Thu | 8:46  | 3.8 | 7:50  | 6.7 | 2:27  | -1.2 | 1:34     | 1.8 | 4:52                                                                                | 7:05 |    |
| 12   | Fri | 9:34  | 3.9 | 8:37  | 6.8 | 3:12  | -1.5 | 2:25     | 1.8 | 4:53                                                                                | 7:05 |   |
| 13   | Sat | 10:21 | 4.1 | 9:25  | 6.6 | 3:58  | -1.6 | 3:16     | 1.8 | 4:54                                                                                | 7:05 |  |
| 14   | Sun | 11:08 | 4.1 | 10:13 | 6.3 | 4:43  | -1.5 | 4:09     | 1.8 | 4:54                                                                                | 7:04 |  |
| 15   | Mon | 11:56 | 4.2 | 11:03 | 5.7 | 5:28  | -1.1 | 5:05     | 1.9 | 4:55                                                                                | 7:04 |  |
| 16   | Tue |       |     | 12:46 | 4.3 | 6:14  | -0.6 | 6:08     | 2.0 | 4:55                                                                                | 7:03 |  |
| 17   | Wed |       |     | 1:38  | 4.3 | 7:00  | -0.1 | 7:22     | 2.1 | 4:56                                                                                | 7:03 |  |
| 18   | Thu | 12:57 | 4.2 | 2:33  | 4.4 | 7:47  | 0.5  | 8:50     | 2.0 | 4:57                                                                                | 7:02 |  |
| 19   | Fri | 2:13  | 3.6 | 3:28  | 4.6 | 8:37  | 1.1  | 10:24    | 1.7 | 4:57                                                                                | 7:02 |  |
| 20   | Sat | 3:52  | 3.1 | 4:20  | 4.7 | 9:31  | 1.6  | 11:41    | 1.2 | 4:58                                                                                | 7:01 |  |
| 21   | Sun | 5:34  | 3.0 | 5:08  | 4.9 | 10:29 | 2.0  |          |     | 4:59                                                                                | 7:01 |  |
| 22   | Mon | 6:53  | 3.1 | 5:50  | 5.0 | 12:38 | 0.8  | 11:24 AM | 2.2 | 4:59                                                                                | 7:00 |  |
| 23   | Tue | 7:47  | 3.3 | 6:28  | 5.2 | 1:22  | 0.4  | 12:12    | 2.3 | 5:00                                                                                | 7:00 |  |
| 24   | Wed | 8:27  | 3.4 | 7:03  | 5.4 | 1:58  | 0.1  | 12:54    | 2.4 | 5:01                                                                                | 6:59 |  |
| 25   | Thu | 8:59  | 3.5 | 7:37  | 5.6 | 2:30  | -0.2 | 1:30     | 2.3 | 5:01                                                                                | 6:58 |  |
| 26   | Fri | 9:27  | 3.6 | 8:10  | 5.7 | 3:00  | -0.3 | 2:05     | 2.2 | 5:02                                                                                | 6:58 |  |
| 27   | Sat | 9:55  | 3.7 | 8:42  | 5.7 | 3:30  | -0.4 | 2:39     | 2.2 | 5:03                                                                                | 6:57 |  |
| 28   | Sun | 10:24 | 3.8 | 9:15  | 5.7 | 3:59  | -0.4 | 3:13     | 2.1 | 5:03                                                                                | 6:56 |  |
| 29   | Mon | 10:54 | 3.8 | 9:49  | 5.5 | 4:29  | -0.4 | 3:50     | 2.1 | 5:04                                                                                | 6:55 |  |
| 30   | Tue | 11:25 | 3.9 | 10:24 | 5.2 | 5:00  | -0.2 | 4:30     | 2.1 | 5:05                                                                                | 6:55 |  |
| 31   | Wed | 11:59 | 4.0 | 11:04 | 4.8 | 5:30  | 0.0  | 5:17     | 2.1 | 5:05                                                                                | 6:54 |  |