

## Santa Catalina Island, CA - Dec 1889

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 5:31  | 4.9 | 5:26     | 4.0 | 11:54 | 1.4 | 11:36 | 0.7  | 6:40                                                                                | 4:46 |    |
| 2    | Mon | 6:07  | 5.2 | 6:30     | 3.9 |       |     | 12:46 | 0.8  | 6:41                                                                                | 4:46 |    |
| 3    | Tue | 6:39  | 5.5 | 7:24     | 3.9 | 12:17 | 1.0 | 1:30  | 0.3  | 6:42                                                                                | 4:46 |    |
| 4    | Wed | 7:08  | 5.7 | 8:12     | 3.8 | 12:53 | 1.3 | 2:08  | -0.1 | 6:43                                                                                | 4:46 |    |
| 5    | Thu | 7:36  | 5.8 | 8:55     | 3.7 | 1:25  | 1.5 | 2:43  | -0.3 | 6:43                                                                                | 4:46 |    |
| 6    | Fri | 8:03  | 5.8 | 9:36     | 3.6 | 1:54  | 1.8 | 3:17  | -0.4 | 6:44                                                                                | 4:46 |    |
| 7    | Sat | 8:30  | 5.8 | 10:16    | 3.5 | 2:22  | 2.0 | 3:50  | -0.5 | 6:45                                                                                | 4:46 |    |
| 8    | Sun | 8:58  | 5.6 | 10:57    | 3.4 | 2:50  | 2.2 | 4:24  | -0.4 | 6:46                                                                                | 4:46 |    |
| 9    | Mon | 9:27  | 5.5 | 11:43    | 3.3 | 3:19  | 2.4 | 5:00  | -0.3 | 6:47                                                                                | 4:46 |    |
| 10   | Tue | 9:59  | 5.2 |          |     | 3:50  | 2.6 | 5:39  | -0.1 | 6:47                                                                                | 4:46 |    |
| 11   | Wed | 12:37 | 3.3 | 10:33 AM | 4.9 | 4:26  | 2.8 | 6:22  | 0.1  | 6:48                                                                                | 4:47 |    |
| 12   | Thu | 1:39  | 3.3 | 11:12 AM | 4.6 | 5:13  | 2.9 | 7:09  | 0.4  | 6:49                                                                                | 4:47 |   |
| 13   | Fri | 2:46  | 3.4 | 12:02    | 4.2 | 6:31  | 3.1 | 8:00  | 0.6  | 6:49                                                                                | 4:47 |  |
| 14   | Sat | 3:40  | 3.6 | 1:13     | 3.7 | 8:25  | 3.0 | 8:53  | 0.8  | 6:50                                                                                | 4:47 |  |
| 15   | Sun | 4:18  | 3.9 | 2:47     | 3.4 | 10:07 | 2.6 | 9:44  | 0.9  | 6:51                                                                                | 4:48 |  |
| 16   | Mon | 4:50  | 4.3 | 4:19     | 3.3 | 11:15 | 2.0 | 10:31 | 1.1  | 6:51                                                                                | 4:48 |  |
| 17   | Tue | 5:19  | 4.7 | 5:35     | 3.4 |       |     | 12:05 | 1.2  | 6:52                                                                                | 4:48 |  |
| 18   | Wed | 5:50  | 5.2 | 6:39     | 3.5 |       |     | 12:49 | 0.5  | 6:53                                                                                | 4:49 |  |
| 19   | Thu | 6:24  | 5.7 | 7:35     | 3.6 |       |     | 1:32  | -0.3 | 6:53                                                                                | 4:49 |  |
| 20   | Fri | 7:01  | 6.2 | 8:27     | 3.8 | 12:41 | 1.5 | 2:15  | -0.9 | 6:54                                                                                | 4:50 |  |
| 21   | Sat | 7:41  | 6.5 | 9:17     | 3.8 | 1:24  | 1.6 | 2:59  | -1.4 | 6:54                                                                                | 4:50 |  |
| 22   | Sun | 8:23  | 6.7 | 10:08    | 3.9 | 2:08  | 1.7 | 3:45  | -1.6 | 6:55                                                                                | 4:51 |  |
| 23   | Mon | 9:08  | 6.7 | 11:00    | 3.9 | 2:55  | 1.8 | 4:33  | -1.6 | 6:55                                                                                | 4:51 |  |
| 24   | Tue | 9:56  | 6.5 | 11:55    | 3.9 | 3:45  | 1.9 | 5:22  | -1.4 | 6:55                                                                                | 4:52 |  |
| 25   | Wed | 10:47 | 6.0 |          |     | 4:41  | 2.1 | 6:13  | -1.1 | 6:56                                                                                | 4:52 |  |
| 26   | Thu | 12:53 | 3.9 | 11:43 AM | 5.3 | 5:47  | 2.2 | 7:07  | -0.6 | 6:56                                                                                | 4:53 |  |
| 27   | Fri | 1:55  | 4.0 | 12:48    | 4.6 | 7:08  | 2.3 | 8:03  | -0.1 | 6:57                                                                                | 4:54 |  |
| 28   | Sat | 2:57  | 4.3 | 2:09     | 3.9 | 8:46  | 2.2 | 9:01  | 0.4  | 6:57                                                                                | 4:54 |  |
| 29   | Sun | 3:55  | 4.5 | 3:43     | 3.4 | 10:22 | 1.7 | 9:58  | 0.9  | 6:57                                                                                | 4:55 |  |
| 30   | Mon | 4:45  | 4.8 | 5:16     | 3.2 | 11:40 | 1.2 | 10:52 | 1.3  | 6:57                                                                                | 4:56 |  |
| 31   | Tue | 5:29  | 5.1 | 6:34     | 3.2 |       |     | 12:38 | 0.6  | 6:58                                                                                | 4:56 |  |