

## Avalon, Santa Catalina Island, CA - Dec 1888

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 6:58  | 6.5 | 7:59     | 4.2 | 12:29 | 0.9 | 1:49  | -0.8 | 6:39                                                                                | 4:45 |    |
| 2    | Sun | 7:35  | 6.9 | 8:52     | 4.2 | 1:10  | 1.1 | 2:35  | -1.3 | 6:40                                                                                | 4:45 |    |
| 3    | Mon | 8:14  | 7.0 | 9:46     | 4.1 | 1:52  | 1.3 | 3:22  | -1.6 | 6:41                                                                                | 4:45 |    |
| 4    | Tue | 8:55  | 7.0 | 10:42    | 3.9 | 2:34  | 1.6 | 4:11  | -1.6 | 6:42                                                                                | 4:45 |    |
| 5    | Wed | 9:38  | 6.7 | 11:44    | 3.8 | 3:18  | 2.0 | 5:01  | -1.3 | 6:43                                                                                | 4:45 |    |
| 6    | Thu | 10:24 | 6.2 |          |     | 4:06  | 2.3 | 5:54  | -1.0 | 6:44                                                                                | 4:45 |    |
| 7    | Fri | 12:52 | 3.7 | 11:16 AM | 5.5 | 5:03  | 2.6 | 6:51  | -0.5 | 6:44                                                                                | 4:45 |    |
| 8    | Sat | 2:04  | 3.8 | 12:17    | 4.8 | 6:21  | 2.9 | 7:54  | -0.1 | 6:45                                                                                | 4:46 |    |
| 9    | Sun | 3:14  | 4.0 | 1:35     | 4.1 | 8:22  | 2.9 | 8:57  | 0.3  | 6:46                                                                                | 4:46 |    |
| 10   | Mon | 4:12  | 4.4 | 3:07     | 3.7 | 10:13 | 2.5 | 9:54  | 0.6  | 6:47                                                                                | 4:46 |    |
| 11   | Tue | 4:57  | 4.7 | 4:35     | 3.5 | 11:24 | 1.9 | 10:43 | 0.9  | 6:47                                                                                | 4:46 |    |
| 12   | Wed | 5:33  | 5.0 | 5:47     | 3.4 |       |     | 12:15 | 1.2  | 6:48                                                                                | 4:46 |    |
| 13   | Thu | 6:04  | 5.3 | 6:43     | 3.5 |       |     | 12:56 | 0.7  | 6:49                                                                                | 4:47 |   |
| 14   | Fri | 6:34  | 5.6 | 7:30     | 3.5 |       |     | 1:33  | 0.2  | 6:49                                                                                | 4:47 |  |
| 15   | Sat | 7:02  | 5.8 | 8:12     | 3.6 | 12:31 | 1.6 | 2:06  | -0.1 | 6:50                                                                                | 4:47 |  |
| 16   | Sun | 7:29  | 5.9 | 8:51     | 3.6 | 1:02  | 1.7 | 2:37  | -0.4 | 6:51                                                                                | 4:48 |  |
| 17   | Mon | 7:56  | 5.9 | 9:29     | 3.6 | 1:32  | 1.9 | 3:08  | -0.5 | 6:51                                                                                | 4:48 |  |
| 18   | Tue | 8:23  | 5.9 | 10:07    | 3.5 | 2:02  | 2.0 | 3:39  | -0.6 | 6:52                                                                                | 4:48 |  |
| 19   | Wed | 8:50  | 5.8 | 10:48    | 3.4 | 2:31  | 2.2 | 4:11  | -0.6 | 6:52                                                                                | 4:49 |  |
| 20   | Thu | 9:18  | 5.7 | 11:31    | 3.4 | 3:02  | 2.3 | 4:43  | -0.5 | 6:53                                                                                | 4:49 |  |
| 21   | Fri | 9:48  | 5.5 |          |     | 3:34  | 2.5 | 5:18  | -0.3 | 6:53                                                                                | 4:50 |  |
| 22   | Sat | 12:18 | 3.4 | 10:22 AM | 5.2 | 4:13  | 2.7 | 5:56  | -0.2 | 6:54                                                                                | 4:50 |  |
| 23   | Sun | 1:09  | 3.5 | 11:04 AM | 4.8 | 5:06  | 2.8 | 6:38  | 0.1  | 6:54                                                                                | 4:51 |  |
| 24   | Mon | 2:01  | 3.7 | 12:00    | 4.3 | 6:24  | 2.9 | 7:27  | 0.3  | 6:55                                                                                | 4:52 |  |
| 25   | Tue | 2:52  | 4.0 | 1:19     | 3.7 | 8:11  | 2.7 | 8:21  | 0.6  | 6:55                                                                                | 4:52 |  |
| 26   | Wed | 3:39  | 4.4 | 3:02     | 3.4 | 9:57  | 2.1 | 9:18  | 0.9  | 6:55                                                                                | 4:53 |  |
| 27   | Thu | 4:24  | 5.0 | 4:43     | 3.3 | 11:11 | 1.3 | 10:15 | 1.1  | 6:56                                                                                | 4:53 |  |
| 28   | Fri | 5:08  | 5.5 | 6:02     | 3.4 |       |     | 12:07 | 0.4  | 6:56                                                                                | 4:54 |  |
| 29   | Sat | 5:51  | 6.1 | 7:06     | 3.6 |       |     | 12:57 | -0.4 | 6:56                                                                                | 4:55 |  |
| 30   | Sun | 6:35  | 6.6 | 8:01     | 3.8 |       |     | 1:45  | -1.1 | 6:57                                                                                | 4:55 |  |
| 31   | Mon | 7:18  | 6.9 | 8:56     | 3.8 | 12:48 | 1.5 | 2:31  | -1.6 | 6:57                                                                                | 4:56 |  |