

## Long Beach, Terminal Island, CA - Dec 1891

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 8:09  | 6.3 | 9:54     | 3.7 | 1:49  | 2.1 | 3:26  | -0.7 | 6:39                                                                                | 4:44 |    |
| 2    | Wed | 8:40  | 6.4 | 10:41    | 3.6 | 2:18  | 2.3 | 4:05  | -0.8 | 6:40                                                                                | 4:44 |    |
| 3    | Thu | 9:14  | 6.3 | 11:36    | 3.5 | 2:49  | 2.5 | 4:49  | -0.7 | 6:41                                                                                | 4:44 |    |
| 4    | Fri | 9:52  | 6.1 |          |     | 3:25  | 2.7 | 5:37  | -0.6 | 6:42                                                                                | 4:44 |    |
| 5    | Sat | 12:40 | 3.5 | 10:37 AM | 5.8 | 4:11  | 2.9 | 6:31  | -0.5 | 6:43                                                                                | 4:44 |    |
| 6    | Sun | 1:51  | 3.6 | 11:33 AM | 5.3 | 5:20  | 3.1 | 7:29  | -0.3 | 6:44                                                                                | 4:44 |    |
| 7    | Mon | 2:56  | 3.8 | 12:47    | 4.8 | 7:05  | 3.1 | 8:29  | 0.0  | 6:44                                                                                | 4:44 |    |
| 8    | Tue | 3:46  | 4.3 | 2:20     | 4.3 | 9:01  | 2.8 | 9:25  | 0.2  | 6:45                                                                                | 4:44 |    |
| 9    | Wed | 4:27  | 4.8 | 3:55     | 4.0 | 10:30 | 2.0 | 10:17 | 0.5  | 6:46                                                                                | 4:44 |    |
| 10   | Thu | 5:04  | 5.4 | 5:18     | 3.9 | 11:35 | 1.1 | 11:04 | 0.8  | 6:47                                                                                | 4:44 |    |
| 11   | Fri | 5:40  | 5.9 | 6:28     | 4.0 |       |     | 12:29 | 0.2  | 6:47                                                                                | 4:45 |    |
| 12   | Sat | 6:17  | 6.4 | 7:30     | 4.0 |       |     | 1:18  | -0.5 | 6:48                                                                                | 4:45 |   |
| 13   | Sun | 6:54  | 6.8 | 8:26     | 4.0 | 12:30 | 1.5 | 2:04  | -1.1 | 6:49                                                                                | 4:45 |  |
| 14   | Mon | 7:32  | 7.0 | 9:18     | 4.0 | 1:12  | 1.8 | 2:48  | -1.4 | 6:49                                                                                | 4:45 |  |
| 15   | Tue | 8:11  | 7.0 | 10:08    | 3.9 | 1:53  | 2.0 | 3:31  | -1.5 | 6:50                                                                                | 4:46 |  |
| 16   | Wed | 8:50  | 6.8 | 10:59    | 3.9 | 2:34  | 2.3 | 4:15  | -1.4 | 6:51                                                                                | 4:46 |  |
| 17   | Thu | 9:30  | 6.4 | 11:52    | 3.8 | 3:17  | 2.5 | 4:59  | -1.1 | 6:51                                                                                | 4:46 |  |
| 18   | Fri | 10:11 | 6.0 |          |     | 4:02  | 2.7 | 5:45  | -0.7 | 6:52                                                                                | 4:47 |  |
| 19   | Sat | 12:48 | 3.7 | 10:54 AM | 5.4 | 4:53  | 2.9 | 6:32  | -0.3 | 6:53                                                                                | 4:47 |  |
| 20   | Sun | 1:49  | 3.8 | 11:41 AM | 4.8 | 5:58  | 3.0 | 7:20  | 0.2  | 6:53                                                                                | 4:48 |  |
| 21   | Mon | 2:48  | 3.9 | 12:39    | 4.2 | 7:26  | 3.1 | 8:09  | 0.6  | 6:54                                                                                | 4:48 |  |
| 22   | Tue | 3:38  | 4.1 | 1:56     | 3.6 | 9:10  | 2.8 | 8:57  | 1.0  | 6:54                                                                                | 4:49 |  |
| 23   | Wed | 4:18  | 4.4 | 3:30     | 3.3 | 10:37 | 2.3 | 9:43  | 1.3  | 6:55                                                                                | 4:49 |  |
| 24   | Thu | 4:50  | 4.7 | 4:59     | 3.2 | 11:37 | 1.7 | 10:25 | 1.6  | 6:55                                                                                | 4:50 |  |
| 25   | Fri | 5:19  | 5.0 | 6:10     | 3.2 |       |     | 12:21 | 1.1  | 6:55                                                                                | 4:50 |  |
| 26   | Sat | 5:47  | 5.3 | 7:06     | 3.3 |       |     | 12:58 | 0.5  | 6:56                                                                                | 4:51 |  |
| 27   | Sun | 6:15  | 5.7 | 7:52     | 3.5 |       |     | 1:32  | 0.0  | 6:56                                                                                | 4:51 |  |
| 28   | Mon | 6:46  | 6.0 | 8:33     | 3.6 | 12:18 | 2.2 | 2:06  | -0.5 | 6:56                                                                                | 4:52 |  |
| 29   | Tue | 7:18  | 6.3 | 9:12     | 3.7 | 12:54 | 2.3 | 2:41  | -0.9 | 6:57                                                                                | 4:53 |  |
| 30   | Wed | 7:53  | 6.5 | 9:51     | 3.7 | 1:31  | 2.3 | 3:17  | -1.1 | 6:57                                                                                | 4:54 |  |

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|------|-----|------|-----|-------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM    | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Thu | 8:30 | 6.6 | 10:35 | 3.7 | 2:10 | 2.3 | 3:56 | -1.3 | 6:57                                                                               | 4:54 |  |