

## Long Beach, Terminal Island, CA - Dec 1877

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 6:02  | 6.3 | 7:14     | 3.9 |       |     | 1:04  | -0.4 | 6:47                                                                                | 4:51 |    |
| 2    | Sun | 6:38  | 6.6 | 8:10     | 3.9 | 12:10 | 1.7 | 1:49  | -0.9 | 6:48                                                                                | 4:51 |    |
| 3    | Mon | 7:14  | 6.8 | 9:01     | 3.9 | 12:50 | 2.0 | 2:32  | -1.2 | 6:48                                                                                | 4:51 |    |
| 4    | Tue | 7:50  | 6.8 | 9:50     | 3.8 | 1:29  | 2.2 | 3:13  | -1.3 | 6:49                                                                                | 4:51 |    |
| 5    | Wed | 8:27  | 6.7 | 10:36    | 3.8 | 2:08  | 2.4 | 3:54  | -1.2 | 6:50                                                                                | 4:51 |    |
| 6    | Thu | 9:04  | 6.4 | 11:24    | 3.7 | 2:46  | 2.6 | 4:36  | -1.0 | 6:51                                                                                | 4:51 |    |
| 7    | Fri | 9:42  | 6.0 |          |     | 3:26  | 2.7 | 5:18  | -0.7 | 6:52                                                                                | 4:51 |    |
| 8    | Sat | 12:15 | 3.6 | 10:20 AM | 5.6 | 4:08  | 2.9 | 6:01  | -0.3 | 6:52                                                                                | 4:51 |    |
| 9    | Sun | 1:09  | 3.6 | 11:02 AM | 5.1 | 4:59  | 3.0 | 6:45  | 0.1  | 6:53                                                                                | 4:51 |    |
| 10   | Mon | 2:04  | 3.7 | 11:48 AM | 4.5 | 6:08  | 3.1 | 7:30  | 0.4  | 6:54                                                                                | 4:52 |    |
| 11   | Tue | 2:55  | 3.9 | 12:49    | 3.9 | 7:45  | 3.0 | 8:15  | 0.8  | 6:55                                                                                | 4:52 |    |
| 12   | Wed | 3:37  | 4.1 | 2:13     | 3.4 | 9:31  | 2.7 | 8:58  | 1.2  | 6:55                                                                                | 4:52 |   |
| 13   | Thu | 4:11  | 4.4 | 3:52     | 3.1 | 10:50 | 2.1 | 9:41  | 1.5  | 6:56                                                                                | 4:52 |  |
| 14   | Fri | 4:41  | 4.8 | 5:20     | 3.1 | 11:44 | 1.5 | 10:21 | 1.8  | 6:57                                                                                | 4:52 |  |
| 15   | Sat | 5:10  | 5.2 | 6:29     | 3.2 |       |     | 12:26 | 0.8  | 6:57                                                                                | 4:53 |  |
| 16   | Sun | 5:41  | 5.6 | 7:24     | 3.3 |       |     | 1:03  | 0.2  | 6:58                                                                                | 4:53 |  |
| 17   | Mon | 6:13  | 6.0 | 8:10     | 3.5 |       |     | 1:39  | -0.4 | 6:59                                                                                | 4:54 |  |
| 18   | Tue | 6:48  | 6.4 | 8:52     | 3.6 | 12:22 | 2.3 | 2:16  | -0.9 | 6:59                                                                                | 4:54 |  |
| 19   | Wed | 7:26  | 6.7 | 9:33     | 3.7 | 1:02  | 2.4 | 2:54  | -1.2 | 7:00                                                                                | 4:54 |  |
| 20   | Thu | 8:07  | 6.9 | 10:14    | 3.7 | 1:44  | 2.4 | 3:35  | -1.4 | 7:00                                                                                | 4:55 |  |
| 21   | Fri | 8:49  | 6.9 | 10:58    | 3.8 | 2:28  | 2.3 | 4:17  | -1.5 | 7:01                                                                                | 4:55 |  |
| 22   | Sat | 9:34  | 6.7 | 11:44    | 3.9 | 3:16  | 2.3 | 5:00  | -1.4 | 7:01                                                                                | 4:56 |  |
| 23   | Sun | 10:22 | 6.3 |          |     | 4:10  | 2.4 | 5:45  | -1.1 | 7:02                                                                                | 4:56 |  |
| 24   | Mon | 12:33 | 4.0 | 11:15 AM | 5.7 | 5:15  | 2.4 | 6:30  | -0.6 | 7:02                                                                                | 4:57 |  |
| 25   | Tue | 1:24  | 4.3 | 12:17    | 4.9 | 6:35  | 2.3 | 7:17  | 0.0  | 7:03                                                                                | 4:58 |  |
| 26   | Wed | 2:17  | 4.7 | 1:35     | 4.0 | 8:11  | 2.1 | 8:06  | 0.6  | 7:03                                                                                | 4:58 |  |
| 27   | Thu | 3:09  | 5.1 | 3:17     | 3.4 | 9:50  | 1.5 | 8:59  | 1.3  | 7:03                                                                                | 4:59 |  |
| 28   | Fri | 4:00  | 5.5 | 5:06     | 3.1 | 11:12 | 0.8 | 9:56  | 1.8  | 7:04                                                                                | 4:59 |  |
| 29   | Sat | 4:49  | 5.9 | 6:36     | 3.3 |       |     | 12:15 | 0.0  | 7:04                                                                                | 5:00 |  |
| 30   | Sun | 5:36  | 6.2 | 7:42     | 3.5 |       |     | 1:07  | -0.6 | 7:04                                                                                | 5:01 |  |

| Date |     | High |     |      |     | Low |    |      |      |  |      |   |
|------|-----|------|-----|------|-----|-----|----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM  | ft | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Mon | 6:21 | 6.4 | 8:29 | 3.7 |     |    | 1:51 | -1.0 | 7:04                                                                               | 5:02 |  |