

## Long Beach, Terminal Island, CA - Dec 1848

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 1:27  | 3.7 | 11:32 AM | 4.7 | 5:41  | 3.0 | 7:12  | 0.4  | 6:47                                                                                | 4:51 |    |
| 2    | Sat | 2:30  | 3.9 | 12:38    | 4.2 | 7:13  | 3.0 | 8:08  | 0.6  | 6:48                                                                                | 4:51 |    |
| 3    | Sun | 3:25  | 4.2 | 2:09     | 3.9 | 8:59  | 2.7 | 9:06  | 0.7  | 6:49                                                                                | 4:51 |    |
| 4    | Mon | 4:10  | 4.7 | 3:44     | 3.8 | 10:22 | 2.1 | 10:01 | 0.9  | 6:49                                                                                | 4:51 |    |
| 5    | Tue | 4:50  | 5.2 | 5:05     | 3.8 | 11:23 | 1.3 | 10:52 | 1.0  | 6:50                                                                                | 4:51 |    |
| 6    | Wed | 5:29  | 5.8 | 6:12     | 4.0 |       |     | 12:14 | 0.4  | 6:51                                                                                | 4:51 |    |
| 7    | Thu | 6:09  | 6.3 | 7:10     | 4.2 |       |     | 1:02  | -0.4 | 6:52                                                                                | 4:51 |    |
| 8    | Fri | 6:49  | 6.8 | 8:03     | 4.4 | 12:26 | 1.2 | 1:48  | -1.0 | 6:53                                                                                | 4:51 |    |
| 9    | Sat | 7:31  | 7.1 | 8:55     | 4.4 | 1:12  | 1.3 | 2:34  | -1.5 | 6:53                                                                                | 4:51 |    |
| 10   | Sun | 8:14  | 7.2 | 9:46     | 4.4 | 1:58  | 1.4 | 3:20  | -1.7 | 6:54                                                                                | 4:52 |   |
| 11   | Mon | 8:59  | 7.1 | 10:38    | 4.4 | 2:45  | 1.6 | 4:07  | -1.6 | 6:55                                                                                | 4:52 |  |
| 12   | Tue | 9:45  | 6.8 | 11:33    | 4.3 | 3:34  | 1.8 | 4:55  | -1.3 | 6:56                                                                                | 4:52 |  |
| 13   | Wed | 10:33 | 6.2 |          |     | 4:28  | 2.0 | 5:46  | -0.9 | 6:56                                                                                | 4:52 |  |
| 14   | Thu | 12:32 | 4.3 | 11:26 AM | 5.5 | 5:31  | 2.3 | 6:38  | -0.4 | 6:57                                                                                | 4:53 |  |
| 15   | Fri | 1:36  | 4.3 | 12:27    | 4.7 | 6:48  | 2.5 | 7:34  | 0.2  | 6:58                                                                                | 4:53 |  |
| 16   | Sat | 2:41  | 4.5 | 1:42     | 4.0 | 8:24  | 2.4 | 8:33  | 0.7  | 6:58                                                                                | 4:53 |  |
| 17   | Sun | 3:42  | 4.7 | 3:15     | 3.6 | 10:00 | 2.1 | 9:32  | 1.1  | 6:59                                                                                | 4:54 |  |
| 18   | Mon | 4:34  | 4.9 | 4:46     | 3.4 | 11:15 | 1.6 | 10:27 | 1.4  | 6:59                                                                                | 4:54 |  |
| 19   | Tue | 5:16  | 5.2 | 5:59     | 3.4 |       |     | 12:09 | 1.0  | 7:00                                                                                | 4:54 |  |
| 20   | Wed | 5:52  | 5.4 | 6:55     | 3.5 |       |     | 12:51 | 0.6  | 7:00                                                                                | 4:55 |  |
| 21   | Thu | 6:23  | 5.6 | 7:39     | 3.6 |       |     | 1:26  | 0.2  | 7:01                                                                                | 4:55 |  |
| 22   | Fri | 6:52  | 5.8 | 8:16     | 3.7 | 12:30 | 1.9 | 1:58  | -0.2 | 7:01                                                                                | 4:56 |  |
| 23   | Sat | 7:21  | 5.9 | 8:49     | 3.8 | 1:03  | 2.0 | 2:28  | -0.4 | 7:02                                                                                | 4:56 |  |
| 24   | Sun | 7:50  | 6.0 | 9:22     | 3.9 | 1:34  | 2.0 | 2:59  | -0.6 | 7:02                                                                                | 4:57 |  |
| 25   | Mon | 8:19  | 6.1 | 9:55     | 3.9 | 2:06  | 2.1 | 3:29  | -0.7 | 7:03                                                                                | 4:58 |  |
| 26   | Tue | 8:50  | 6.0 | 10:30    | 4.0 | 2:39  | 2.1 | 4:01  | -0.7 | 7:03                                                                                | 4:58 |  |
| 27   | Wed | 9:22  | 5.9 | 11:07    | 4.0 | 3:14  | 2.2 | 4:34  | -0.6 | 7:03                                                                                | 4:59 |  |
| 28   | Thu | 9:56  | 5.6 | 11:48    | 4.0 | 3:52  | 2.2 | 5:09  | -0.4 | 7:04                                                                                | 5:00 |  |
| 29   | Fri | 10:34 | 5.3 |          |     | 4:36  | 2.4 | 5:46  | -0.2 | 7:04                                                                                | 5:00 |  |
| 30   | Sat | 12:32 | 4.1 | 11:18 AM | 4.8 | 5:31  | 2.5 | 6:27  | 0.1  | 7:04                                                                                | 5:01 |  |
| 31   | Sun | 1:22  | 4.2 | 12:14    | 4.2 | 6:44  | 2.5 | 7:19  | 0.5  | 7:05                                                                                | 5:02 |  |