

## Long Beach, Inner Harbor, CA - Jul 1857

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 6:09  | 2.8 | 5:18  | 5.0 | 12:07 | 1.1  | 10:24 AM | 2.2 | 4:52                                                                                | 7:14 |    |
| 2    | Thu | 7:21  | 2.9 | 5:53  | 5.2 | 12:53 | 0.6  | 11:10 AM | 2.4 | 4:52                                                                                | 7:14 |    |
| 3    | Fri | 8:12  | 3.1 | 6:28  | 5.4 | 1:31  | 0.1  | 11:55 AM | 2.6 | 4:53                                                                                | 7:14 |    |
| 4    | Sat | 8:50  | 3.2 | 7:03  | 5.6 | 2:06  | -0.2 | 12:37    | 2.6 | 4:53                                                                                | 7:14 |    |
| 5    | Sun | 9:23  | 3.3 | 7:39  | 5.8 | 2:39  | -0.5 | 1:16     | 2.6 | 4:54                                                                                | 7:13 |    |
| 6    | Mon | 9:54  | 3.4 | 8:15  | 5.9 | 3:12  | -0.7 | 1:54     | 2.5 | 4:54                                                                                | 7:13 |    |
| 7    | Tue | 10:25 | 3.5 | 8:51  | 6.0 | 3:46  | -0.8 | 2:33     | 2.5 | 4:55                                                                                | 7:13 |    |
| 8    | Wed | 10:58 | 3.6 | 9:28  | 5.9 | 4:20  | -0.8 | 3:13     | 2.4 | 4:55                                                                                | 7:13 |    |
| 9    | Thu | 11:32 | 3.7 | 10:07 | 5.7 | 4:54  | -0.8 | 3:58     | 2.4 | 4:56                                                                                | 7:13 |  |
| 10   | Fri |       |     | 12:08 | 3.8 | 5:28  | -0.6 | 4:49     | 2.4 | 4:57                                                                                | 7:12 |  |
| 11   | Sat |       |     | 12:46 | 4.1 | 6:03  | -0.2 | 5:52     | 2.3 | 4:57                                                                                | 7:12 |  |
| 12   | Sun |       |     | 1:27  | 4.4 | 6:39  | 0.2  | 7:10     | 2.2 | 4:58                                                                                | 7:12 |  |
| 13   | Mon | 12:38 | 4.0 | 2:12  | 4.7 | 7:16  | 0.7  | 8:42     | 1.8 | 4:58                                                                                | 7:11 |  |
| 14   | Tue | 2:02  | 3.3 | 3:01  | 5.1 | 7:59  | 1.3  | 10:15    | 1.2 | 4:59                                                                                | 7:11 |  |
| 15   | Wed | 3:57  | 2.9 | 3:54  | 5.5 | 8:51  | 1.8  | 11:32    | 0.5 | 5:00                                                                                | 7:11 |  |
| 16   | Thu | 5:51  | 2.9 | 4:49  | 5.8 | 9:56  | 2.2  |          |     | 5:00                                                                                | 7:10 |  |
| 17   | Fri | 7:11  | 3.2 | 5:44  | 6.2 | 12:33 | -0.3 | 11:06 AM | 2.4 | 5:01                                                                                | 7:10 |  |
| 18   | Sat | 8:06  | 3.5 | 6:37  | 6.5 | 1:24  | -0.8 | 12:11    | 2.4 | 5:01                                                                                | 7:09 |  |
| 19   | Sun | 8:51  | 3.7 | 7:27  | 6.7 | 2:11  | -1.2 | 1:09     | 2.3 | 5:02                                                                                | 7:09 |  |
| 20   | Mon | 9:30  | 3.9 | 8:15  | 6.7 | 2:54  | -1.4 | 2:01     | 2.1 | 5:03                                                                                | 7:08 |  |
| 21   | Tue | 10:07 | 4.0 | 8:59  | 6.5 | 3:34  | -1.4 | 2:49     | 2.0 | 5:03                                                                                | 7:08 |  |
| 22   | Wed | 10:43 | 4.1 | 9:42  | 6.2 | 4:13  | -1.2 | 3:36     | 1.9 | 5:04                                                                                | 7:07 |  |
| 23   | Thu | 11:19 | 4.2 | 10:23 | 5.7 | 4:49  | -0.8 | 4:23     | 1.9 | 5:05                                                                                | 7:06 |  |
| 24   | Fri | 11:56 | 4.3 | 11:05 | 5.0 | 5:23  | -0.3 | 5:14     | 2.0 | 5:05                                                                                | 7:06 |  |
| 25   | Sat |       |     | 12:32 | 4.3 | 5:55  | 0.2  | 6:10     | 2.0 | 5:06                                                                                | 7:05 |  |
| 26   | Sun |       |     | 1:10  | 4.4 | 6:24  | 0.8  | 7:18     | 2.0 | 5:07                                                                                | 7:04 |  |
| 27   | Mon | 12:41 | 3.6 | 1:50  | 4.4 | 6:52  | 1.4  | 8:45     | 1.9 | 5:08                                                                                | 7:04 |  |
| 28   | Tue | 1:59  | 2.9 | 2:37  | 4.5 | 7:18  | 2.0  | 10:24    | 1.6 | 5:08                                                                                | 7:03 |  |
| 29   | Wed | 4:25  | 2.6 | 3:31  | 4.6 | 7:46  | 2.4  | 11:42    | 1.1 | 5:09                                                                                | 7:02 |  |
| 30   | Thu |       |     | 4:28  | 4.7 |       |      |          |     | 5:10                                                                                | 7:01 |  |

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|------|-----|------|-----|------|-----|-------|-----|----------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft  | PM       | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Fri | 7:53 | 3.1 | 5:21 | 5.0 | 12:34 | 0.7 | 10:33 AM | 3.0 | 5:10                                                                               | 7:01 |  |