

## Oakland - Middle Harbor, CA - Dec 1833

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 3:35  | 5.1 | 1:52     | 6.3 | 8:07  | 3.1 | 8:59  | -0.7 | 7:13                                                                                | 4:58 |    |
| 2    | Mon | 4:31  | 5.2 | 2:52     | 5.9 | 9:18  | 3.1 | 9:56  | -0.4 | 7:14                                                                                | 4:57 |    |
| 3    | Tue | 5:25  | 5.4 | 4:04     | 5.4 | 10:42 | 2.8 | 10:56 | -0.1 | 7:15                                                                                | 4:57 |    |
| 4    | Wed | 6:17  | 5.7 | 5:27     | 5.0 |       |     | 12:05 | 2.4  | 7:16                                                                                | 4:57 |    |
| 5    | Thu | 7:04  | 6.0 | 6:52     | 4.8 |       |     | 1:15  | 1.7  | 7:17                                                                                | 4:57 |    |
| 6    | Fri | 7:47  | 6.4 | 8:13     | 4.8 | 12:55 | 0.7 | 2:15  | 0.9  | 7:18                                                                                | 4:57 |    |
| 7    | Sat | 8:28  | 6.8 | 9:25     | 4.9 | 1:49  | 1.1 | 3:07  | 0.2  | 7:19                                                                                | 4:57 |    |
| 8    | Sun | 9:08  | 7.0 | 10:28    | 5.1 | 2:40  | 1.5 | 3:54  | -0.4 | 7:19                                                                                | 4:57 |    |
| 9    | Mon | 9:47  | 7.2 | 11:26    | 5.2 | 3:29  | 1.9 | 4:39  | -0.8 | 7:20                                                                                | 4:57 |    |
| 10   | Tue | 10:25 | 7.2 |          |     | 4:16  | 2.3 | 5:22  | -1.0 | 7:21                                                                                | 4:57 |    |
| 11   | Wed | 12:19 | 5.3 | 11:04 AM | 7.1 | 5:02  | 2.6 | 6:03  | -1.0 | 7:22                                                                                | 4:57 |    |
| 12   | Thu | 1:09  | 5.4 | 11:42 AM | 6.9 | 5:49  | 2.8 | 6:44  | -1.0 | 7:23                                                                                | 4:58 |   |
| 13   | Fri | 1:58  | 5.4 | 12:21    | 6.6 | 6:37  | 3.0 | 7:25  | -0.8 | 7:23                                                                                | 4:58 |  |
| 14   | Sat | 2:44  | 5.3 | 1:01     | 6.2 | 7:27  | 3.1 | 8:07  | -0.5 | 7:24                                                                                | 4:58 |  |
| 15   | Sun | 3:31  | 5.2 | 1:44     | 5.8 | 8:22  | 3.1 | 8:50  | -0.2 | 7:25                                                                                | 4:58 |  |
| 16   | Mon | 4:17  | 5.2 | 2:31     | 5.3 | 9:25  | 3.1 | 9:35  | 0.2  | 7:25                                                                                | 4:59 |  |
| 17   | Tue | 5:02  | 5.2 | 3:26     | 4.8 | 10:36 | 3.0 | 10:23 | 0.5  | 7:26                                                                                | 4:59 |  |
| 18   | Wed | 5:45  | 5.3 | 4:34     | 4.4 | 11:48 | 2.7 | 11:14 | 0.9  | 7:27                                                                                | 4:59 |  |
| 19   | Thu | 6:25  | 5.4 | 5:55     | 4.1 |       |     | 12:53 | 2.2  | 7:27                                                                                | 5:00 |  |
| 20   | Fri | 7:01  | 5.6 | 7:18     | 4.0 | 12:06 | 1.3 | 1:46  | 1.7  | 7:28                                                                                | 5:00 |  |
| 21   | Sat | 7:36  | 5.9 | 8:34     | 4.1 | 12:56 | 1.6 | 2:32  | 1.2  | 7:28                                                                                | 5:01 |  |
| 22   | Sun | 8:10  | 6.2 | 9:37     | 4.4 | 1:44  | 2.0 | 3:11  | 0.6  | 7:29                                                                                | 5:01 |  |
| 23   | Mon | 8:44  | 6.5 | 10:31    | 4.6 | 2:29  | 2.2 | 3:48  | 0.1  | 7:29                                                                                | 5:02 |  |
| 24   | Tue | 9:20  | 6.7 | 11:20    | 4.9 | 3:12  | 2.5 | 4:24  | -0.3 | 7:30                                                                                | 5:02 |  |
| 25   | Wed | 9:58  | 6.9 |          |     | 3:54  | 2.7 | 5:01  | -0.7 | 7:30                                                                                | 5:03 |  |
| 26   | Thu | 12:06 | 5.1 | 10:37 AM | 7.1 | 4:37  | 2.8 | 5:41  | -1.0 | 7:30                                                                                | 5:04 |  |
| 27   | Fri | 12:51 | 5.2 | 11:19 AM | 7.1 | 5:22  | 2.8 | 6:22  | -1.2 | 7:31                                                                                | 5:04 |  |
| 28   | Sat | 1:35  | 5.3 | 12:04    | 7.1 | 6:09  | 2.8 | 7:06  | -1.2 | 7:31                                                                                | 5:05 |  |
| 29   | Sun | 2:20  | 5.4 | 12:53    | 6.8 | 7:01  | 2.8 | 7:52  | -1.1 | 7:31                                                                                | 5:06 |  |
| 30   | Mon | 3:06  | 5.5 | 1:46     | 6.4 | 7:59  | 2.7 | 8:40  | -0.8 | 7:31                                                                                | 5:06 |  |

| Date |     | High |     |      |     | Low  |     |      |      |  |      |   |
|------|-----|------|-----|------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Tue | 3:53 | 5.6 | 2:45 | 5.8 | 9:06 | 2.5 | 9:31 | -0.4 | 7:32                                                                               | 5:07 |  |