US HARBORS www.USHarbors.com

# Oakland - Middle Harbor, CA - Jul 1951

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sun | 11:28 | 4.7 | 9:25 | 6.5 | 4:17 | -0.3 | 3:35 | 3.2 | 5:50 | 8:35 | |
| 2 | Mon | | | 12:11 | 4.9 | 4:54 | -0.5 | 4:19 | 3.2 | 5:51 | 8:35 | |
| 3 | Tue | | | 12:48 | 4.9 | 5:28 | -0.5 | 5:00 | 3.2 | 5:51 | 8:35 | |
| 4 | Wed | | | 1:21 | 4.9 | 6:02 | -0.6 | 5:38 | 3.2 | 5:52 | 8:35 | |
| 5 | Thu | | | 1:52 | 4.9 | 6:34 | -0.6 | 6:17 | 3.1 | 5:52 | 8:34 | |
| 6 | Fri | | | 2:22 | 5.0 | 7:06 | -0.6 | 6:57 | 3.0 | 5:53 | 8:34 | |
| 7 | Sat | 12:33 | 6.1 | 2:52 | 5.1 | 7:38 | -0.5 | 7:41 | 2.9 | 5:53 | 8:34 | |
| 8 | Sun | 1:13 | 5.8 | 3:22 | 5.2 | 8:10 | -0.3 | 8:32 | 2.7 | 5:54 | 8:34 | |
| 9 | Mon | 1:57 | 5.3 | 3:53 | 5.4 | 8:44 | 0.1 | 9:29 | 2.4 | 5:54 | 8:33 | |
| 10 | Tue | 2:50 | 4.8 | 4:26 | 5.7 | 9:21 | 0.6 | 10:34 | 2.0 | 5:55 | 8:33 | |
| 11 | Wed | 3:58 | 4.3 | 5:02 | 6.0 | 10:01 | 1.2 | 11:42 | 1.5 | 5:56 | 8:33 | |
| 12 | Thu | 5:27 | 3.9 | 5:42 | 6.3 | 10:48 | 1.8 | | | 5:56 | 8:32 | |
| 13 | Fri | 7:12 | 3.9 | 6:27 | 6.7 | 12:47 | 0.9 | 11:44 AM | 2.4 | 5:57 | 8:32 | |
| 14 | Sat | 8:48 | 4.1 | 7:17 | 7.0 | 1:48 | 0.2 | 12:48 | 2.8 | 5:58 | 8:31 | |
| 15 | Sun | 10:00 | 4.5 | 8:11 | 7.3 | 2:44 | -0.5 | 1:54 | 3.1 | 5:58 | 8:31 | |
| 16 | Mon | 10:56 | 4.8 | 9:06 | 7.6 | 3:38 | -1.0 | 2:57 | 3.1 | 5:59 | 8:30 | |
| 17 | Tue | 11:44 | 5.1 | 10:02 | 7.7 | 4:29 | -1.4 | 3:57 | 3.0 | 6:00 | 8:30 | |
| 18 | Wed | | | 12:27 | 5.3 | 5:18 | -1.6 | 4:54 | 2.8 | 6:01 | 8:29 | |
| 19 | Thu | | | 1:08 | 5.5 | 6:05 | -1.5 | 5:51 | 2.6 | 6:01 | 8:29 | |
| 20 | Fri | | | 1:48 | 5.7 | 6:50 | -1.3 | 6:49 | 2.3 | 6:02 | 8:28 | |
| 21 | Sat | 12:43 | 6.9 | 2:28 | 5.8 | 7:33 | -0.9 | 7:49 | 2.1 | 6:03 | 8:27 | |
| 22 | Sun | 1:37 | 6.3 | 3:07 | 6.0 | 8:15 | -0.4 | 8:52 | 1.9 | 6:04 | 8:27 | |
| 23 | Mon | 2:35 | 5.5 | 3:46 | 6.1 | 8:56 | 0.3 | 10:00 | 1.6 | 6:04 | 8:26 | |
| 24 | Tue | 3:42 | 4.8 | 4:26 | 6.2 | 9:39 | 1.1 | 11:11 | 1.4 | 6:05 | 8:25 | |
| 25 | Wed | 5:03 | 4.2 | 5:09 | 6.3 | 10:27 | 1.8 | | | 6:06 | 8:25 | |
| 26 | Thu | 6:43 | 4.0 | 5:54 | 6.3 | 12:21 | 1.0 | 11:23 AM | 2.5 | 6:07 | 8:24 | |
| 27 | Fri | 8:23 | 4.2 | 6:42 | 6.3 | 1:26 | 0.7 | 12:29 | 3.0 | 6:08 | 8:23 | |
| 28 | Sat | 9:36 | 4.5 | 7:31 | 6.3 | 2:23 | 0.4 | 1:36 | 3.2 | 6:08 | 8:22 | |
| 29 | Sun | 10:28 | 4.7 | 8:19 | 6.4 | 3:12 | 0.2 | 2:34 | 3.3 | 6:09 | 8:21 | |
| 30 | Mon | 11:08 | 4.9 | 9:04 | 6.5 | 3:55 | 0.0 | 3:24 | 3.3 | 6:10 | 8:20 | |
| 31 | Tue | 11:42 | 5.0 | 9:46 | 6.6 | 4:33 | -0.2 | 4:06 | 3.2 | 6:11 | 8:19 | |