US HARBORS www.USHarbors.com

# Oakland - Middle Harbor, CA - Dec 2021

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 8:53 | 6.7 | 10:05 | 5.0 | 2:24 | 1.4 | 3:34 | -0.1 | 7:06 | 4:50 | |
| 2 | Thu | 9:29 | 7.2 | 11:06 | 5.2 | 3:10 | 1.8 | 4:20 | -0.8 | 7:07 | 4:50 | |
| 3 | Fri | 10:08 | 7.5 | | | 3:56 | 2.2 | 5:06 | -1.3 | 7:08 | 4:50 | |
| 4 | Sat | 12:05 | 5.4 | 10:51 AM | 7.6 | 4:44 | 2.5 | 5:54 | -1.6 | 7:09 | 4:50 | |
| 5 | Sun | 1:02 | 5.4 | 11:37 AM | 7.6 | 5:34 | 2.8 | 6:44 | -1.7 | 7:10 | 4:50 | |
| 6 | Mon | 1:57 | 5.5 | 12:26 | 7.4 | 6:28 | 2.9 | 7:35 | -1.5 | 7:10 | 4:50 | |
| 7 | Tue | 2:53 | 5.5 | 1:19 | 7.0 | 7:28 | 3.0 | 8:28 | -1.2 | 7:11 | 4:50 | |
| 8 | Wed | 3:49 | 5.5 | 2:17 | 6.4 | 8:38 | 3.0 | 9:24 | -0.8 | 7:12 | 4:50 | |
| 9 | Thu | 4:46 | 5.5 | 3:21 | 5.7 | 9:58 | 2.9 | 10:21 | -0.3 | 7:13 | 4:50 | |
| 10 | Fri | 5:40 | 5.6 | 4:35 | 5.1 | 11:23 | 2.6 | 11:19 | 0.3 | 7:14 | 4:50 | |
| 11 | Sat | 6:30 | 5.8 | 5:57 | 4.6 | | | 12:39 | 2.1 | 7:15 | 4:50 | |
| 12 | Sun | 7:14 | 6.0 | 7:22 | 4.4 | 12:16 | 0.8 | 1:44 | 1.5 | 7:15 | 4:50 | |
| 13 | Mon | 7:53 | 6.2 | 8:40 | 4.4 | 1:08 | 1.2 | 2:38 | 0.9 | 7:16 | 4:51 | |
| 14 | Tue | 8:28 | 6.3 | 9:47 | 4.5 | 1:57 | 1.7 | 3:23 | 0.5 | 7:17 | 4:51 | |
| 15 | Wed | 8:59 | 6.5 | 10:43 | 4.7 | 2:42 | 2.1 | 4:02 | 0.1 | 7:17 | 4:51 | |
| 16 | Thu | 9:29 | 6.5 | 11:33 | 4.8 | 3:24 | 2.5 | 4:38 | -0.2 | 7:18 | 4:51 | |
| 17 | Fri | 9:59 | 6.5 | | | 4:05 | 2.8 | 5:11 | -0.4 | 7:19 | 4:52 | |
| 18 | Sat | 12:17 | 4.9 | 10:30 AM | 6.5 | 4:43 | 3.0 | 5:43 | -0.5 | 7:19 | 4:52 | |
| 19 | Sun | 12:58 | 5.0 | 11:03 AM | 6.5 | 5:20 | 3.2 | 6:15 | -0.5 | 7:20 | 4:53 | |
| 20 | Mon | 1:36 | 5.0 | 11:37 AM | 6.4 | 5:58 | 3.2 | 6:49 | -0.5 | 7:20 | 4:53 | |
| 21 | Tue | 2:14 | 5.0 | 12:13 | 6.3 | 6:36 | 3.3 | 7:24 | -0.5 | 7:21 | 4:54 | |
| 22 | Wed | 2:51 | 5.0 | 12:52 | 6.1 | 7:17 | 3.3 | 8:01 | -0.4 | 7:21 | 4:54 | |
| 23 | Thu | 3:30 | 5.0 | 1:34 | 5.8 | 8:05 | 3.2 | 8:41 | -0.3 | 7:22 | 4:55 | |
| 24 | Fri | 4:09 | 5.1 | 2:22 | 5.4 | 9:03 | 3.1 | 9:23 | 0.0 | 7:22 | 4:55 | |
| 25 | Sat | 4:49 | 5.2 | 3:20 | 4.9 | 10:12 | 2.9 | 10:10 | 0.4 | 7:23 | 4:56 | |
| 26 | Sun | 5:29 | 5.5 | 4:35 | 4.5 | 11:26 | 2.4 | 11:00 | 0.8 | 7:23 | 4:56 | |
| 27 | Mon | 6:09 | 5.8 | 6:06 | 4.2 | | | 12:34 | 1.8 | 7:23 | 4:57 | |
| 28 | Tue | 6:49 | 6.2 | 7:40 | 4.2 | | | 1:34 | 1.0 | 7:24 | 4:58 | |
| 29 | Wed | 7:30 | 6.6 | 9:02 | 4.5 | 12:51 | 1.8 | 2:27 | 0.2 | 7:24 | 4:59 | |
| 30 | Thu | 8:13 | 7.1 | 10:11 | 4.8 | 1:47 | 2.2 | 3:18 | -0.5 | 7:24 | 4:59 | |

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Fri | **8:58** | 7.4 | **11:15** | 5.1 | **2:42** | 2.5 | **4:07** | -1.1 | 7:24 | 5:00 | |