US HARBORS www.USHarbors.com

# Alcatraz Island, CA - Dec 1859

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Thu | 5:24 | 4.7 | 3:47 | 4.3 | 10:59 | 3.0 | 10:37 | 0.7 | 7:13 | 4:58 | |
| 2 | Fri | 6:01 | 4.9 | 5:02 | 3.9 | | | 12:08 | 2.6 | 7:14 | 4:58 | |
| 3 | Sat | 6:34 | 5.1 | 6:27 | 3.7 | | | 1:05 | 2.0 | 7:15 | 4:58 | |
| 4 | Sun | 7:06 | 5.4 | 7:49 | 3.7 | 12:13 | 1.6 | 1:53 | 1.4 | 7:16 | 4:57 | |
| 5 | Mon | 7:37 | 5.7 | 9:02 | 3.9 | 12:59 | 2.0 | 2:35 | 0.8 | 7:17 | 4:57 | |
| 6 | Tue | 8:10 | 5.9 | 10:03 | 4.2 | 1:44 | 2.4 | 3:13 | 0.2 | 7:18 | 4:57 | |
| 7 | Wed | 8:44 | 6.2 | 10:57 | 4.4 | 2:28 | 2.7 | 3:50 | -0.3 | 7:19 | 4:57 | |
| 8 | Thu | 9:21 | 6.5 | 11:46 | 4.6 | 3:11 | 3.0 | 4:29 | -0.8 | 7:19 | 4:57 | |
| 9 | Fri | 10:01 | 6.7 | | | 3:55 | 3.2 | 5:09 | -1.2 | 7:20 | 4:57 | |
| 10 | Sat | 12:33 | 4.7 | 10:44 AM | 6.8 | 4:41 | 3.2 | 5:53 | -1.4 | 7:21 | 4:57 | |
| 11 | Sun | 1:19 | 4.8 | 11:31 AM | 6.8 | 5:28 | 3.3 | 6:38 | -1.5 | 7:22 | 4:58 | |
| 12 | Mon | 2:05 | 4.9 | 12:20 | 6.6 | 6:21 | 3.2 | 7:24 | -1.4 | 7:23 | 4:58 | |
| 13 | Tue | 2:50 | 4.9 | 1:14 | 6.2 | 7:19 | 3.1 | 8:12 | -1.1 | 7:23 | 4:58 | |
| 14 | Wed | 3:36 | 5.1 | 2:12 | 5.7 | 8:27 | 2.9 | 9:02 | -0.6 | 7:24 | 4:58 | |
| 15 | Thu | 4:22 | 5.3 | 3:20 | 5.1 | 9:45 | 2.5 | 9:53 | 0.0 | 7:25 | 4:58 | |
| 16 | Fri | 5:08 | 5.5 | 4:40 | 4.4 | 11:07 | 2.0 | 10:46 | 0.7 | 7:25 | 4:59 | |
| 17 | Sat | 5:54 | 5.8 | 6:13 | 4.0 | | | 12:23 | 1.4 | 7:26 | 4:59 | |
| 18 | Sun | 6:39 | 6.1 | 7:47 | 4.0 | | | 1:29 | 0.6 | 7:27 | 5:00 | |
| 19 | Mon | 7:23 | 6.4 | 9:10 | 4.2 | 12:40 | 2.0 | 2:26 | 0.0 | 7:27 | 5:00 | |
| 20 | Tue | 8:06 | 6.5 | 10:16 | 4.4 | 1:37 | 2.5 | 3:16 | -0.5 | 7:28 | 5:00 | |
| 21 | Wed | 8:49 | 6.6 | 11:11 | 4.7 | 2:33 | 2.9 | 4:01 | -0.8 | 7:28 | 5:01 | |
| 22 | Thu | 9:31 | 6.6 | 11:59 | 4.8 | 3:26 | 3.1 | 4:42 | -1.0 | 7:29 | 5:01 | |
| 23 | Fri | 10:12 | 6.5 | | | 4:15 | 3.3 | 5:21 | -1.0 | 7:29 | 5:02 | |
| 24 | Sat | 12:42 | 4.9 | 10:51 AM | 6.4 | 5:01 | 3.3 | 5:58 | -0.9 | 7:30 | 5:02 | |
| 25 | Sun | 1:21 | 4.9 | 11:30 AM | 6.2 | 5:44 | 3.3 | 6:34 | -0.8 | 7:30 | 5:03 | |
| 26 | Mon | 1:58 | 4.8 | 12:08 | 5.9 | 6:27 | 3.2 | 7:09 | -0.6 | 7:31 | 5:04 | |
| 27 | Tue | 2:32 | 4.8 | 12:47 | 5.6 | 7:11 | 3.1 | 7:44 | -0.3 | 7:31 | 5:04 | |
| 28 | Wed | 3:04 | 4.8 | 1:27 | 5.2 | 7:58 | 3.0 | 8:18 | 0.0 | 7:31 | 5:05 | |
| 29 | Thu | 3:35 | 4.8 | 2:11 | 4.7 | 8:52 | 2.9 | 8:53 | 0.4 | 7:31 | 5:06 | |
| 30 | Fri | 4:06 | 4.9 | 3:04 | 4.2 | 9:55 | 2.7 | 9:29 | 1.0 | 7:32 | 5:06 | |

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Sat | **4:40** | 5.1 | **4:14** | 3.7 | **11:03** | 2.3 | **10:07** | 1.6 | 7:32 | 5:07 | |