




































Alcatraz Island, CA - Dec 2048

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Tue | 7:34 | 5.9 | 8:52 | 4.1 | 12:51 | 1.8 | 2:21 | 0.5 | 7:07 | 4:50 |  |
| 2 | Wed | 8:12 | 6.3 | 9:56 | 4.4 | 1:42 | 2.2 | 3:05 | -0.3 | 7:08 | 4:50 |  |
| 3 | Thu | 8:53 | 6.7 | 10:53 | 4.7 | 2:32 | 2.4 | 3:50 | -0.9 | 7:09 | 4:50 |  |
| 4 | Fri | 9:37 | 6.9 | 11:46 | 4.9 | 3:21 | 2.6 | 4:36 | -1.4 | 7:09 | 4:50 |  |
| 5 | Sat | 10:23 | 7.1 | | | 4:11 | 2.8 | 5:22 | -1.6 | 7:10 | 4:50 |  |
| 6 | Sun | 12:36 | 5.0 | 11:12 AM | 7.1 | 5:03 | 2.8 | 6:10 | -1.7 | 7:11 | 4:50 |  |
| 7 | Mon | 1:25 | 5.1 | 12:04 | 6.9 | 5:57 | 2.8 | 6:59 | -1.6 | 7:12 | 4:50 |  |
| 8 | Tue | 2:14 | 5.2 | 12:58 | 6.5 | 6:56 | 2.7 | 7:48 | -1.2 | 7:13 | 4:50 |  |
| 9 | Wed | 3:02 | 5.3 | 1:55 | 6.0 | 8:02 | 2.6 | 8:38 | -0.7 | 7:14 | 4:50 |  |
| 10 | Thu | 3:52 | 5.4 | 2:59 | 5.3 | 9:17 | 2.4 | 9:30 | -0.1 | 7:14 | 4:50 |  |
| 11 | Fri | 4:41 | 5.5 | 4:12 | 4.6 | 10:37 | 2.1 | 10:24 | 0.5 | 7:15 | 4:50 |  |
| 12 | Sat | 5:31 | 5.7 | 5:37 | 4.1 | 11:55 | 1.6 | 11:21 | 1.2 | 7:16 | 4:51 |  |
| 13 | Sun | 6:19 | 5.9 | 7:08 | 4.0 | | | 1:05 | 1.1 | 7:17 | 4:51 |  |
| 14 | Mon | 7:05 | 6.0 | 8:31 | 4.1 | 12:19 | 1.8 | 2:04 | 0.5 | 7:17 | 4:51 |  |
| 15 | Tue | 7:48 | 6.2 | 9:39 | 4.3 | 1:16 | 2.3 | 2:54 | 0.1 | 7:18 | 4:51 |  |
| 16 | Wed | 8:28 | 6.2 | 10:35 | 4.5 | 2:10 | 2.6 | 3:37 | -0.2 | 7:19 | 4:52 |  |
| 17 | Thu | 9:06 | 6.2 | 11:22 | 4.7 | 3:00 | 2.9 | 4:15 | -0.4 | 7:19 | 4:52 |  |
| 18 | Fri | 9:42 | 6.2 | | | 3:45 | 3.0 | 4:51 | -0.5 | 7:20 | 4:53 |  |
| 19 | Sat | 12:03 | 4.7 | 10:18 AM | 6.2 | 4:27 | 3.1 | 5:24 | -0.6 | 7:20 | 4:53 |  |
| 20 | Sun | 12:40 | 4.8 | 10:53 AM | 6.1 | 5:06 | 3.1 | 5:56 | -0.6 | 7:21 | 4:54 |  |
| 21 | Mon | 1:14 | 4.8 | 11:29 AM | 6.0 | 5:44 | 3.1 | 6:27 | -0.5 | 7:21 | 4:54 |  |
| 22 | Tue | 1:46 | 4.8 | 12:05 | 5.8 | 6:23 | 3.0 | 6:59 | -0.4 | 7:22 | 4:55 |  |
| 23 | Wed | 2:17 | 4.8 | 12:42 | 5.5 | 7:03 | 3.0 | 7:31 | -0.3 | 7:22 | 4:55 |  |
| 24 | Thu | 2:49 | 4.9 | 1:23 | 5.2 | 7:48 | 2.9 | 8:04 | 0.0 | 7:23 | 4:56 |  |
| 25 | Fri | 3:22 | 5.0 | 2:08 | 4.7 | 8:40 | 2.7 | 8:40 | 0.4 | 7:23 | 4:56 |  |
| 26 | Sat | 3:56 | 5.1 | 3:04 | 4.3 | 9:41 | 2.5 | 9:20 | 0.9 | 7:23 | 4:57 |  |
| 27 | Sun | 4:34 | 5.3 | 4:16 | 3.9 | 10:48 | 2.1 | 10:05 | 1.4 | 7:24 | 4:58 |  |
| 28 | Mon | 5:14 | 5.6 | 5:50 | 3.6 | 11:56 | 1.6 | 10:58 | 2.0 | 7:24 | 4:58 |  |
| 29 | Tue | 5:58 | 5.8 | 7:28 | 3.7 | | | 12:58 | 0.9 | 7:24 | 4:59 |  |
| 30 | Wed | 6:45 | 6.2 | 8:51 | 4.0 | | | 1:54 | 0.2 | 7:24 | 5:00 |  |

| Date | | High | | | | Low | | | |  | |  |
|-----------|-----|-------------|-----|----|----|-------------|-----|-------------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Thu | 7:35 | 6.5 | | | 1:03 | 2.7 | 2:46 | -0.5 | 7:25 | 5:01 |  |