

## Alcatraz Island, CA - Dec 1947

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 2:45  | 4.9 | 12:59    | 6.5 | 7:00  | 3.3 | 8:07  | -1.2 | 7:06                                                                                | 4:51 |    |
| 2    | Tue | 3:42  | 4.9 | 1:56     | 6.1 | 8:05  | 3.3 | 9:03  | -0.9 | 7:07                                                                                | 4:51 |    |
| 3    | Wed | 4:39  | 5.0 | 3:01     | 5.6 | 9:25  | 3.2 | 10:03 | -0.5 | 7:07                                                                                | 4:50 |    |
| 4    | Thu | 5:34  | 5.2 | 4:17     | 5.0 | 10:53 | 2.9 | 11:04 | 0.0  | 7:08                                                                                | 4:50 |    |
| 5    | Fri | 6:25  | 5.4 | 5:41     | 4.6 |       |     | 12:15 | 2.3  | 7:09                                                                                | 4:50 |    |
| 6    | Sat | 7:10  | 5.7 | 7:07     | 4.3 | 12:03 | 0.5 | 1:23  | 1.5  | 7:10                                                                                | 4:50 |    |
| 7    | Sun | 7:51  | 6.0 | 8:27     | 4.3 | 12:58 | 1.0 | 2:20  | 0.8  | 7:11                                                                                | 4:50 |    |
| 8    | Mon | 8:29  | 6.3 | 9:37     | 4.4 | 1:48  | 1.5 | 3:10  | 0.2  | 7:12                                                                                | 4:50 |    |
| 9    | Tue | 9:04  | 6.4 | 10:38    | 4.6 | 2:35  | 2.0 | 3:53  | -0.3 | 7:13                                                                                | 4:50 |    |
| 10   | Wed | 9:38  | 6.4 | 11:33    | 4.7 | 3:20  | 2.4 | 4:33  | -0.6 | 7:14                                                                                | 4:50 |    |
| 11   | Thu | 10:11 | 6.4 |          |     | 4:03  | 2.8 | 5:11  | -0.7 | 7:14                                                                                | 4:50 |    |
| 12   | Fri | 12:22 | 4.8 | 10:44 AM | 6.3 | 4:45  | 3.1 | 5:47  | -0.8 | 7:15                                                                                | 4:51 |   |
| 13   | Sat | 1:08  | 4.8 | 11:17 AM | 6.2 | 5:27  | 3.3 | 6:22  | -0.7 | 7:16                                                                                | 4:51 |  |
| 14   | Sun | 1:52  | 4.8 | 11:52 AM | 6.0 | 6:08  | 3.4 | 6:59  | -0.6 | 7:17                                                                                | 4:51 |  |
| 15   | Mon | 2:33  | 4.7 | 12:28    | 5.7 | 6:51  | 3.5 | 7:37  | -0.5 | 7:17                                                                                | 4:51 |  |
| 16   | Tue | 3:14  | 4.6 | 1:08     | 5.5 | 7:38  | 3.5 | 8:16  | -0.2 | 7:18                                                                                | 4:52 |  |
| 17   | Wed | 3:54  | 4.6 | 1:51     | 5.1 | 8:32  | 3.5 | 8:58  | 0.0  | 7:19                                                                                | 4:52 |  |
| 18   | Thu | 4:35  | 4.7 | 2:41     | 4.7 | 9:38  | 3.3 | 9:42  | 0.3  | 7:19                                                                                | 4:52 |  |
| 19   | Fri | 5:14  | 4.8 | 3:42     | 4.3 | 10:52 | 3.1 | 10:28 | 0.7  | 7:20                                                                                | 4:53 |  |
| 20   | Sat | 5:51  | 5.0 | 4:58     | 3.9 |       |     | 12:01 | 2.6  | 7:20                                                                                | 4:53 |  |
| 21   | Sun | 6:27  | 5.2 | 6:26     | 3.7 |       |     | 12:59 | 2.0  | 7:21                                                                                | 4:53 |  |
| 22   | Mon | 7:02  | 5.6 | 7:52     | 3.8 | 12:07 | 1.5 | 1:47  | 1.3  | 7:21                                                                                | 4:54 |  |
| 23   | Tue | 7:37  | 5.9 | 9:06     | 4.0 | 12:57 | 1.9 | 2:31  | 0.6  | 7:22                                                                                | 4:54 |  |
| 24   | Wed | 8:14  | 6.3 | 10:10    | 4.3 | 1:46  | 2.3 | 3:13  | -0.1 | 7:22                                                                                | 4:55 |  |
| 25   | Thu | 8:53  | 6.6 | 11:06    | 4.6 | 2:35  | 2.7 | 3:56  | -0.8 | 7:23                                                                                | 4:56 |  |
| 26   | Fri | 9:35  | 6.9 | 11:58    | 4.8 | 3:24  | 2.9 | 4:40  | -1.3 | 7:23                                                                                | 4:56 |  |
| 27   | Sat | 10:20 | 7.0 |          |     | 4:13  | 3.0 | 5:26  | -1.6 | 7:23                                                                                | 4:57 |  |
| 28   | Sun | 12:47 | 5.0 | 11:09 AM | 7.1 | 5:03  | 3.1 | 6:13  | -1.7 | 7:24                                                                                | 4:58 |  |
| 29   | Mon | 1:35  | 5.1 | 11:59 AM | 7.0 | 5:57  | 3.0 | 7:02  | -1.6 | 7:24                                                                                | 4:58 |  |
| 30   | Tue | 2:22  | 5.1 | 12:53    | 6.6 | 6:54  | 2.9 | 7:51  | -1.3 | 7:24                                                                                | 4:59 |  |

| Date |     | High |     |      |     | Low  |     |      |      |  |      |   |
|------|-----|------|-----|------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Wed | 3:09 | 5.2 | 1:49 | 6.1 | 7:58 | 2.8 | 8:40 | -0.9 | 7:25                                                                               | 5:00 |  |