

## Alcatraz Island, CA - Jan 1838

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 3:56  | 5.4 | 3:03     | 5.1 | 9:22  | 2.4 | 9:32  | 0.0  | 7:32                                                                                | 5:08 |    |
| 2    | Tue | 4:40  | 5.6 | 4:20     | 4.4 | 10:41 | 1.9 | 10:22 | 0.7  | 7:32                                                                                | 5:09 |    |
| 3    | Wed | 5:25  | 5.9 | 5:53     | 4.0 |       |     | 12:00 | 1.3  | 7:32                                                                                | 5:10 |    |
| 4    | Thu | 6:11  | 6.1 | 7:33     | 3.8 |       |     | 1:11  | 0.7  | 7:33                                                                                | 5:11 |    |
| 5    | Fri | 6:58  | 6.3 | 9:01     | 4.1 | 12:15 | 2.2 | 2:12  | 0.1  | 7:33                                                                                | 5:12 |    |
| 6    | Sat | 7:44  | 6.4 | 10:09    | 4.4 | 1:17  | 2.7 | 3:04  | -0.3 | 7:33                                                                                | 5:12 |    |
| 7    | Sun | 8:30  | 6.5 | 11:03    | 4.7 | 2:17  | 3.1 | 3:51  | -0.6 | 7:32                                                                                | 5:13 |    |
| 8    | Mon | 9:14  | 6.5 | 11:50    | 4.8 | 3:13  | 3.2 | 4:33  | -0.8 | 7:32                                                                                | 5:14 |    |
| 9    | Tue | 9:57  | 6.4 |          |     | 4:04  | 3.3 | 5:11  | -0.8 | 7:32                                                                                | 5:15 |    |
| 10   | Wed | 12:30 | 4.9 | 10:38 AM | 6.3 | 4:50  | 3.3 | 5:48  | -0.8 | 7:32                                                                                | 5:16 |    |
| 11   | Thu | 1:07  | 4.9 | 11:17 AM | 6.1 | 5:32  | 3.2 | 6:22  | -0.7 | 7:32                                                                                | 5:17 |    |
| 12   | Fri | 1:40  | 4.8 | 11:54 AM | 5.9 | 6:13  | 3.1 | 6:55  | -0.5 | 7:32                                                                                | 5:18 |   |
| 13   | Sat | 2:11  | 4.8 | 12:32    | 5.6 | 6:53  | 3.0 | 7:26  | -0.3 | 7:32                                                                                | 5:19 |  |
| 14   | Sun | 2:40  | 4.8 | 1:10     | 5.3 | 7:37  | 2.8 | 7:57  | 0.1  | 7:31                                                                                | 5:20 |  |
| 15   | Mon | 3:08  | 4.9 | 1:52     | 4.8 | 8:25  | 2.7 | 8:28  | 0.5  | 7:31                                                                                | 5:21 |  |
| 16   | Tue | 3:37  | 5.0 | 2:41     | 4.3 | 9:20  | 2.5 | 9:00  | 1.0  | 7:31                                                                                | 5:22 |  |
| 17   | Wed | 4:08  | 5.1 | 3:45     | 3.8 | 10:23 | 2.2 | 9:36  | 1.6  | 7:30                                                                                | 5:23 |  |
| 18   | Thu | 4:43  | 5.3 | 5:15     | 3.4 | 11:31 | 1.8 | 10:19 | 2.2  | 7:30                                                                                | 5:24 |  |
| 19   | Fri | 5:22  | 5.5 | 7:11     | 3.4 |       |     | 12:35 | 1.3  | 7:29                                                                                | 5:25 |  |
| 20   | Sat | 6:06  | 5.7 | 8:51     | 3.7 |       |     | 1:33  | 0.7  | 7:29                                                                                | 5:26 |  |
| 21   | Sun | 6:55  | 5.9 | 9:55     | 4.1 | 12:24 | 3.2 | 2:24  | 0.1  | 7:28                                                                                | 5:28 |  |
| 22   | Mon | 7:47  | 6.2 | 10:42    | 4.4 | 1:33  | 3.4 | 3:12  | -0.5 | 7:28                                                                                | 5:29 |  |
| 23   | Tue | 8:39  | 6.5 | 11:22    | 4.7 | 2:33  | 3.4 | 3:58  | -1.0 | 7:27                                                                                | 5:30 |  |
| 24   | Wed | 9:31  | 6.8 | 11:59    | 4.9 | 3:27  | 3.3 | 4:42  | -1.4 | 7:27                                                                                | 5:31 |  |
| 25   | Thu | 10:22 | 7.0 |          |     | 4:18  | 3.0 | 5:26  | -1.6 | 7:26                                                                                | 5:32 |  |
| 26   | Fri | 12:36 | 5.0 | 11:14 AM | 7.0 | 5:08  | 2.7 | 6:08  | -1.6 | 7:25                                                                                | 5:33 |  |
| 27   | Sat | 1:12  | 5.2 | 12:05    | 6.7 | 6:01  | 2.4 | 6:50  | -1.3 | 7:25                                                                                | 5:34 |  |
| 28   | Sun | 1:48  | 5.4 | 12:59    | 6.3 | 6:56  | 2.0 | 7:31  | -0.8 | 7:24                                                                                | 5:35 |  |
| 29   | Mon | 2:25  | 5.6 | 1:56     | 5.6 | 7:56  | 1.7 | 8:12  | -0.1 | 7:23                                                                                | 5:36 |  |
| 30   | Tue | 3:04  | 5.8 | 3:01     | 4.8 | 9:01  | 1.4 | 8:55  | 0.7  | 7:22                                                                                | 5:38 |  |

| Date |     | High |     |      |     | Low   |     |      |     |  |      |   |
|------|-----|------|-----|------|-----|-------|-----|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft  | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Wed | 3:46 | 6.0 | 4:20 | 4.2 | 10:13 | 1.1 | 9:42 | 1.6 | 7:21                                                                               | 5:39 |  |