

## Alcatraz Island, CA - Dec 1839

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 8:21  | 5.8 | 9:37     | 4.1 | 1:44  | 1.8 | 3:06  | 0.6  | 7:13                                                                                | 4:58 |    |
| 2    | Mon | 8:49  | 5.9 | 10:34    | 4.3 | 2:26  | 2.3 | 3:44  | 0.1  | 7:14                                                                                | 4:58 |    |
| 3    | Tue | 9:17  | 6.0 | 11:24    | 4.4 | 3:06  | 2.7 | 4:19  | -0.2 | 7:15                                                                                | 4:58 |    |
| 4    | Wed | 9:45  | 6.1 |          |     | 3:44  | 3.0 | 4:52  | -0.4 | 7:16                                                                                | 4:57 |    |
| 5    | Thu | 12:08 | 4.5 | 10:16 AM | 6.1 | 4:20  | 3.3 | 5:25  | -0.5 | 7:17                                                                                | 4:57 |    |
| 6    | Fri | 12:50 | 4.6 | 10:49 AM | 6.1 | 4:57  | 3.4 | 5:58  | -0.6 | 7:18                                                                                | 4:57 |    |
| 7    | Sat | 1:29  | 4.6 | 11:24 AM | 6.0 | 5:33  | 3.5 | 6:33  | -0.6 | 7:18                                                                                | 4:57 |    |
| 8    | Sun | 2:08  | 4.6 | 12:01    | 5.9 | 6:11  | 3.5 | 7:10  | -0.6 | 7:19                                                                                | 4:57 |    |
| 9    | Mon | 2:48  | 4.6 | 12:41    | 5.7 | 6:53  | 3.5 | 7:50  | -0.6 | 7:20                                                                                | 4:57 |    |
| 10   | Tue | 3:28  | 4.6 | 1:25     | 5.5 | 7:44  | 3.5 | 8:32  | -0.4 | 7:21                                                                                | 4:57 |    |
| 11   | Wed | 4:09  | 4.7 | 2:16     | 5.1 | 8:46  | 3.3 | 9:17  | -0.2 | 7:22                                                                                | 4:58 |    |
| 12   | Thu | 4:49  | 4.9 | 3:18     | 4.7 | 10:01 | 3.0 | 10:04 | 0.2  | 7:23                                                                                | 4:58 |   |
| 13   | Fri | 5:28  | 5.1 | 4:37     | 4.2 | 11:18 | 2.5 | 10:55 | 0.7  | 7:23                                                                                | 4:58 |  |
| 14   | Sat | 6:06  | 5.5 | 6:10     | 4.0 |       |     | 12:28 | 1.8  | 7:24                                                                                | 4:58 |  |
| 15   | Sun | 6:44  | 5.9 | 7:43     | 4.0 |       |     | 1:27  | 0.9  | 7:25                                                                                | 4:58 |  |
| 16   | Mon | 7:24  | 6.3 | 9:05     | 4.2 | 12:43 | 1.9 | 2:21  | 0.0  | 7:25                                                                                | 4:59 |  |
| 17   | Tue | 8:06  | 6.7 | 10:15    | 4.5 | 1:37  | 2.4 | 3:11  | -0.7 | 7:26                                                                                | 4:59 |  |
| 18   | Wed | 8:50  | 7.0 | 11:14    | 4.8 | 2:32  | 2.8 | 4:00  | -1.3 | 7:27                                                                                | 4:59 |  |
| 19   | Thu | 9:37  | 7.2 |          |     | 3:26  | 3.0 | 4:49  | -1.7 | 7:27                                                                                | 5:00 |  |
| 20   | Fri | 12:08 | 5.0 | 10:27 AM | 7.2 | 4:20  | 3.1 | 5:37  | -1.8 | 7:28                                                                                | 5:00 |  |
| 21   | Sat | 12:58 | 5.1 | 11:17 AM | 7.1 | 5:15  | 3.1 | 6:25  | -1.7 | 7:28                                                                                | 5:01 |  |
| 22   | Sun | 1:45  | 5.1 | 12:07    | 6.8 | 6:11  | 3.1 | 7:12  | -1.4 | 7:29                                                                                | 5:01 |  |
| 23   | Mon | 2:32  | 5.1 | 12:59    | 6.3 | 7:09  | 3.0 | 7:59  | -1.0 | 7:29                                                                                | 5:02 |  |
| 24   | Tue | 3:17  | 5.1 | 1:51     | 5.7 | 8:13  | 2.9 | 8:44  | -0.5 | 7:30                                                                                | 5:02 |  |
| 25   | Wed | 4:02  | 5.2 | 2:48     | 5.0 | 9:22  | 2.7 | 9:30  | 0.1  | 7:30                                                                                | 5:03 |  |
| 26   | Thu | 4:46  | 5.3 | 3:54     | 4.3 | 10:37 | 2.4 | 10:17 | 0.8  | 7:31                                                                                | 5:04 |  |
| 27   | Fri | 5:28  | 5.4 | 5:16     | 3.8 | 11:50 | 2.0 | 11:06 | 1.5  | 7:31                                                                                | 5:04 |  |
| 28   | Sat | 6:08  | 5.5 | 6:55     | 3.6 |       |     | 12:57 | 1.5  | 7:31                                                                                | 5:05 |  |
| 29   | Sun | 6:47  | 5.6 | 8:31     | 3.7 |       |     | 1:53  | 0.9  | 7:31                                                                                | 5:06 |  |
| 30   | Mon | 7:24  | 5.7 | 9:44     | 4.0 | 12:54 | 2.7 | 2:41  | 0.5  | 7:32                                                                                | 5:06 |  |

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|------|-----|------|-----|-------|-----|------|-----|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM    | ft  | AM   | ft  | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Tue | 8:01 | 5.9 | 10:38 | 4.3 | 1:48 | 3.0 | 3:22 | 0.1 | 7:32                                                                               | 5:07 |  |