

## Alcatraz Island, CA - Jul 1852

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu |       |     | 12:31 | 5.0 | 5:19  | -1.3 | 4:59  | 2.9 | 4:58                                                                                | 7:42 |    |
| 2    | Fri |       |     | 1:19  | 5.0 | 6:03  | -1.3 | 5:51  | 2.9 | 4:58                                                                                | 7:42 |    |
| 3    | Sat |       |     | 2:04  | 5.1 | 6:46  | -1.1 | 6:43  | 3.0 | 4:59                                                                                | 7:42 |    |
| 4    | Sun | 12:33 | 6.1 | 2:48  | 5.0 | 7:29  | -0.9 | 7:38  | 2.9 | 4:59                                                                                | 7:42 |    |
| 5    | Mon | 1:18  | 5.7 | 3:30  | 5.0 | 8:11  | -0.5 | 8:36  | 2.9 | 5:00                                                                                | 7:41 |    |
| 6    | Tue | 2:05  | 5.2 | 4:11  | 5.0 | 8:53  | -0.1 | 9:40  | 2.8 | 5:00                                                                                | 7:41 |    |
| 7    | Wed | 2:57  | 4.7 | 4:51  | 5.1 | 9:37  | 0.4  | 10:48 | 2.5 | 5:01                                                                                | 7:41 |    |
| 8    | Thu | 3:58  | 4.2 | 5:30  | 5.2 | 10:22 | 1.0  | 11:55 | 2.2 | 5:01                                                                                | 7:41 |    |
| 9    | Fri | 5:14  | 3.8 | 6:08  | 5.3 | 11:10 | 1.5  |       |     | 5:02                                                                                | 7:40 |    |
| 10   | Sat | 6:43  | 3.6 | 6:46  | 5.5 | 12:56 | 1.7  | 12:02 | 2.0 | 5:03                                                                                | 7:40 |    |
| 11   | Sun | 8:09  | 3.7 | 7:24  | 5.7 | 1:49  | 1.2  | 12:54 | 2.4 | 5:03                                                                                | 7:40 |    |
| 12   | Mon | 9:20  | 3.9 | 8:02  | 5.9 | 2:34  | 0.8  | 1:44  | 2.7 | 5:04                                                                                | 7:39 |    |
| 13   | Tue | 10:15 | 4.1 | 8:41  | 6.1 | 3:15  | 0.3  | 2:32  | 2.9 | 5:05                                                                                | 7:39 |   |
| 14   | Wed | 11:02 | 4.4 | 9:21  | 6.3 | 3:52  | -0.1 | 3:17  | 3.1 | 5:05                                                                                | 7:38 |  |
| 15   | Thu | 11:43 | 4.6 | 10:02 | 6.4 | 4:29  | -0.4 | 4:00  | 3.1 | 5:06                                                                                | 7:38 |  |
| 16   | Fri |       |     | 12:22 | 4.7 | 5:06  | -0.7 | 4:42  | 3.1 | 5:07                                                                                | 7:37 |  |
| 17   | Sat |       |     | 1:00  | 4.9 | 5:44  | -0.9 | 5:26  | 3.0 | 5:08                                                                                | 7:37 |  |
| 18   | Sun |       |     | 1:38  | 5.0 | 6:23  | -1.0 | 6:13  | 2.9 | 5:08                                                                                | 7:36 |  |
| 19   | Mon | 12:13 | 6.4 | 2:16  | 5.1 | 7:03  | -1.0 | 7:04  | 2.7 | 5:09                                                                                | 7:35 |  |
| 20   | Tue | 1:01  | 6.1 | 2:55  | 5.3 | 7:45  | -0.7 | 8:01  | 2.5 | 5:10                                                                                | 7:35 |  |
| 21   | Wed | 1:54  | 5.7 | 3:37  | 5.5 | 8:28  | -0.3 | 9:06  | 2.2 | 5:11                                                                                | 7:34 |  |
| 22   | Thu | 2:55  | 5.1 | 4:20  | 5.7 | 9:15  | 0.3  | 10:18 | 1.8 | 5:11                                                                                | 7:33 |  |
| 23   | Fri | 4:09  | 4.6 | 5:06  | 6.0 | 10:05 | 0.9  | 11:34 | 1.3 | 5:12                                                                                | 7:33 |  |
| 24   | Sat | 5:37  | 4.2 | 5:55  | 6.2 | 11:02 | 1.6  |       |     | 5:13                                                                                | 7:32 |  |
| 25   | Sun | 7:12  | 4.1 | 6:46  | 6.4 | 12:45 | 0.7  | 12:04 | 2.1 | 5:14                                                                                | 7:31 |  |
| 26   | Mon | 8:38  | 4.2 | 7:38  | 6.6 | 1:49  | 0.2  | 1:09  | 2.6 | 5:15                                                                                | 7:30 |  |
| 27   | Tue | 9:46  | 4.5 | 8:29  | 6.7 | 2:45  | -0.3 | 2:11  | 2.8 | 5:15                                                                                | 7:29 |  |
| 28   | Wed | 10:42 | 4.8 | 9:19  | 6.8 | 3:35  | -0.6 | 3:09  | 2.9 | 5:16                                                                                | 7:29 |  |
| 29   | Thu | 11:30 | 5.0 | 10:07 | 6.7 | 4:22  | -0.8 | 4:02  | 2.9 | 5:17                                                                                | 7:28 |  |
| 30   | Fri |       |     | 12:13 | 5.1 | 5:05  | -0.9 | 4:52  | 2.8 | 5:18                                                                                | 7:27 |  |
| 31   | Sat |       |     | 12:52 | 5.2 | 5:45  | -0.8 | 5:39  | 2.7 | 5:19                                                                                | 7:26 |  |