

## STAR PARTY DATES for 2021

--- CHANDLER MOUNTAIN SATURDAYS ---

Date	Sun Set	Moon Rise	Moon Set	Moon Phase	Civil	Twilight Nautical	Astron.
	PM				PM	PM	PM
9-Jan	4:54	4:19 AM *	1:43 PM	Crescent Waning [4.6]	5:25	5:56	6:26
6-Feb	5:21	3:17 AM *	12:26 PM	Crescent Waning [6]	5:51	6:20	6:50
13-Mar	M 5:51	6:54 AM *	6:14 PM	Crescent Waning [0.4]	6:20	6:49	7:18
10-Apr	7:12	6:24 AM *	6:04 PM	Crescent Waning [1.9]	7:42	8:12	8:43
8-May	7:34	4:53 AM *	4:54 PM	Crescent Waning [3.4]	8:05	8:38	9:12
5-Jun	7:53	3:23 AM *	3:44 PM	Crescent Waning [4.9]	8:26	9:01	9:40
10-Jul	7:58	6:57 AM *	8:54 PM	Crescent Waning [0]	8:31	9:06	9:44
7-Aug	7:39	5:48 AM *	7:33 PM	Crescent Waning [1.5]	8:10	8:43	9:17
4-Sep	7:06	4:36 AM *	6:08 PM	Crescent Waning [3.1]	7:35	8:05	8:36
2-Oct	6:27	3:23 AM *	4:40 PM	Crescent Waning [4.7]	6:56	7:25	7:54
6-Nov	5:47	9:10 AM	7:20 PM	Crescent Waxing (1.3)	6:18	6:47	7:16
4-Dec	4:35	8:07 AM *	4:56 PM	Crescent Waning [0.4]	5:07	5:38	6:08

### Twilight Legend:

Civil = ends when the center of the Sun is more than 6° below the horizon (the point of civil dusk)  
 Nautical = when the center of the Sun is more than 6° below the horizon but less than 12°  
 Astronomical = when the center of the Sun is more than 12° below the horizon but less than 18°

### Moon Phase Legend:

Crescent Waxing = just past new; setting in western sky after sundown  
 Gibbous Waxing = just before full; sets in western sky between midnight and sunrise  
 Full = rises at sunset and transits at midnight  
 Gibbous Waning = just past full; rises in eastern sky after sundown  
 Crescent Waning = just before new; rises in eastern sky before dawn (sets before sundown)

\* Moon rise time next morning (important on Crescent Waning only, and on Gibbous Waning just before midnight, since third quarter rises at midnight)  
 The cutoff of concern is given by  $29.5306 / 4 + 1$  day, since after this point the Moon will rise after midnight (i.e., the next day)

(#) number of days after new  
 [#] number of days before new

Daylight Savings Time (DST) begins March 14 and ends November 7

During Daylight Savings Time **CDT+5=UT**

During Standard Time **CST+6=UT**