

STAR PARTY DATES for 2017

--- CHANDLER MOUNTAIN SATURDAYS ---

Date	Sun Set PM	Moon Rise		Moon Set	Moon Phase		Civil PM	Twilight Nautical PM	Astron. PM
28-Jan	5:12	7:42	AM *	6:05	Crescent Waning	[0]	5:42	6:12	6:42
25-Feb	5:38	6:17	AM *	4:52	Crescent Waning	[1.7]	6:07	6:36	7:05
25-Mar	M 7:00	5:50	AM *	4:36	Crescent Waning	[3.3]	7:29	7:58	8:28
29-Apr	7:27	8:52	AM	11:10	Crescent Waxing	(2.9)	7:58	8:29	9:02
27-May	7:48	7:33	AM	9:54	Crescent Waxing	(1.4)	8:20	8:55	9:32
24-Jun	7:59	7:17	AM *	8:36	Crescent Waning	[0.1]	8:33	9:09	9:48
22-Jul	7:52	6:01	AM *	7:17	Crescent Waning	[1.6]	8:25	8:59	9:35
19-Aug	7:26	4:50	AM *	5:59	Crescent Waning	[3.1]	7:57	8:28	9:00
16-Sep	6:49	3:43	AM *	4:43	Crescent Waning	[4.4]	7:18	7:48	8:17
14-Oct	6:12	2:39	AM *	3:27	Crescent Waning	[5.8]	6:41	7:10	7:38
18-Nov	4:39	7:10	AM *	5:12	Crescent Waning	[0.4]	5:10	5:41	6:10
16-Dec	4:38	5:58	AM *	3:50	Crescent Waning	[2]	5:10	5:41	6:11

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 12 and ends November 5

During Daylight Savings Time CDT+5=UT
 During Standard Time CST+6=UT