

STAR PARTY DATES for 2023

--- CHANDLER MOUNTAIN SATURDAYS ---

Date	Sun Set	Moon Rise	Moon Set	Moon Phase	Civil	Twilight Nautical	Astron.
	PM				PM	PM	PM
21-Jan	5:04	7:45 AM *	4:49 PM	Crescent Waning [1]	5:36	6:06	6:36
18-Feb	5:31	6:18 AM *	3:38 PM	Crescent Waning [2.7]	6:01	6:30	6:59
18-Mar	6:55	5:51 AM *	3:32 PM	Crescent Waning [4.2]	7:23	7:52	8:22
22-Apr M	7:21	7:33 AM	10:22 PM	Crescent Waxing (1.9)	7:51	8:22	8:54
20-May	7:42	6:08 AM	9:10 PM	Crescent Waxing (0.3)	8:15	8:49	9:25
17-Jun	7:58	5:36 AM *	8:01 PM	Crescent Waning [1.1]	8:31	9:07	9:46
15-Jul	7:56	4:24 AM *	6:51 PM	Crescent Waning [2.5]	8:29	9:04	9:41
12-Aug	7:35	3:14 AM *	5:39 PM	Crescent Waning [4]	8:06	8:37	9:11
16-Sep	6:50	7:48 AM	7:22 PM	Crescent Waxing (0.8)	7:19	7:48	8:18
14-Oct	6:12	7:36 AM *	6:14 PM	Crescent Waning [0.7]	6:41	7:10	7:39
11-Nov	4:44	5:25 AM *	3:42 PM	Crescent Waning [2.3]	5:14	5:44	6:14
9-Dec	4:36	4:13 AM *	2:09 PM	Crescent Waning [4]	5:08	5:39	6:09

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 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