

## STAR PARTY DATES for 2023

--- OAK MOUNTAIN SATURDAYS ---

Date	Sun	Moon			Moon	Moon Phase		Twilight			
	Set	Rise			Set			Civil	Nautical	Astron.	
	PM										
28-Jan	5:14	11:05	AM		4:01	AM	Crescent Waxing	(6.7)	5:45	6:15	6:44
25-Feb	5:40	9:35	AM		11:49	PM	Crescent Waxing	(5.1)	6:09	6:38	7:06
25-Mar	7:02	9:05	AM		11:35	PM	Crescent Waxing	(3.5)	7:30	7:59	8:29
15-Apr	7:17	4:28	AM	*	2:34	PM	Crescent Waning	[5.6]	7:47	8:17	8:48
13-May	7:38	3:02	AM	*	1:35	PM	Crescent Waning	[7]	8:09	8:42	9:17
24-Jun	8:00	11:22	AM		12:25	AM	Crescent Waxing	(5.3)	8:33	9:08	9:47
22-Jul	7:53	10:10	AM		10:52	PM	Crescent Waxing	(3.8)	8:25	8:59	9:35
19-Aug	7:28	9:00	AM		9:20	PM	Crescent Waxing	(2.3)	7:58	8:29	9:01
9-Sep	7:01	2:08	AM	*	4:23	PM	Crescent Waning	[5.5]	7:30	8:00	8:30
21-Oct	6:06	1:52	PM		11:43	PM	Crescent Waxing	(6.2)	6:35	7:04	7:33
18-Nov	4:43	11:37	AM		9:45	PM	Crescent Waxing	(4.8)	5:13	5:43	6:13
16-Dec	4:41	10:17	AM		8:45	PM	Crescent Waxing	(3.3)	5:13	5:44	6:14

### 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