

# Kaw Valley Almanac

December 5 - 11, 2022

[www.kawvalleyalmanac.com](http://www.kawvalleyalmanac.com) twitter: @KVAlmanac

Day	Moon rises	South	Moon sets	% Illum/Phase
Monday	03:24 PM	10:37 PM	04:54 AM	95%
Tuesday	03:55 PM	11:25 PM	05:59 AM	99%
Wednesday	04:32 PM		07:03 AM	Full Moon
Thursday	05:14 PM	12:15 AM	08:05 AM	99%
Friday	06:04 PM	01:07 AM	09:02 AM	97%
Saturday	06:59 PM	01:59 AM	09:52 AM	93%
Sunday	07:58 PM	02:49 AM	10:34 AM	87%



These oak leaves have a 3 dimensional quality, permanently suspended at various levels in a clear pool of water. It will be interesting to watch it as the thin sheet of ice thickens as winter progresses. Winter is full of unexpected opportunities for observing changes and scenes that you will never see in other seasons, with the bonus of not having to worry about bugs. Dress warmly and start looking around you!



Sun

Jupiter SE and Saturn SW at dusk, Mars rising east.

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	06:27 AM	07:24 AM	04:59 PM	06:05 PM
Tuesday	06:27 AM	07:25 AM	04:58 PM	06:05 PM
Wednesday	06:28 AM	07:25 AM	04:58 PM	06:05 PM
Thursday	06:29 AM	07:26 AM	04:59 PM	06:05 PM
Friday	06:30 AM	07:27 AM	04:59 PM	06:05 PM
Saturday	06:30 AM	07:28 AM	04:59 PM	06:05 PM
Sunday	06:31 AM	07:29 AM	04:59 PM	06:05 PM

Live outside the Lawrence area? Get rise and setting times, moon data where you live at: <https://www.timeanddate.com/astronomy>

§ This Wed. night, the full moon will pass in front of a very bright Mars, a relatively rare event. Unfortunately, it will be cloudy for most of the state, but if you get a break in the clouds, it disappears about 10 minutes before 9pm and it reappears about 10 minutes before 10pm.

§ Deer hunting season (firearm) season continues through this week until Sunday, including public land and state parks and reservoirs. If you want to take a hike, see if public hunting is allowed there, avoid sunrise/sunset hikes, and dress in bright colors. Meanwhile, deer-auto collisions are very high this year, especially around dawn/dusk and at night.

§ Chickadees, cardinals, bluejays, juncos, nuthatches, titmouse all hang together in winter flocks and hang out at the bird feeder this time of year.

§ Migratory waterfowl and their predators (including eagles) continue to proliferate at reservoirs and wildlife refuges like Quivira, Cheyenne Bottoms, Loess Bluffs and Neosho. Passing cold fronts and accompanying north winds swell their numbers.

§ If you take a walk in the woods, see if you can find things that are still green: bristly greenbrier vines, honeysuckle, a sheltered wild rose, wild onion, moss and of course cedar trees. Bittersweet vines with their orange berries are easy to spot, too, and can be collected for seasonal decorations.