

Kaw Valley Almanac

November 14 - 20, 2022

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Day	Moon rises	South	Moon sets	% Illum/Phase
Monday	10:08 PM	04:56 AM	12:37 PM	65%
Tuesday	11:09 PM	05:44 AM	01:11 PM	56%
Wednesday		06:29 AM	01:40 PM	3rd Quarter
Thursday	12:11 AM	07:13 AM	02:05 PM	36%
Friday	01:13 AM	07:56 AM	02:29 PM	27%
Saturday	02:15 AM	08:39 AM	02:52 PM	19%
Sunday	03:20 AM	09:23 AM	03:16 PM	11%



These blackbirds are taking off after the sun has slipped below the horizon, having collected in this tree for at least an hour. It's not uncommon to find flocks gathering in the same tree or stretch of powerline day after day, even year after year. See if you can locate your local "grand central station" where flocks gather regularly. It's not uncommon to find a hawk or other predator parking themselves nearby as well.



Sun

Jupiter E and Saturn SE at dusk, Mars south at dawn.

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	06:07 AM	07:02 AM	05:08 PM	06:12 PM
Tuesday	06:08 AM	07:03 AM	05:07 PM	06:11 PM
Wednesday	06:09 AM	07:04 AM	05:06 PM	06:10 PM
Thursday	06:10 AM	07:05 AM	05:05 PM	06:10 PM
Friday	06:11 AM	07:06 AM	05:05 PM	06:09 PM
Saturday	06:12 AM	07:07 AM	05:04 PM	06:09 PM
Sunday	06:13 AM	07:09 AM	05:03 PM	06:08 PM

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

§ Frosty mornings are more apparent in grasslands than in the woods and where the sun strikes first the frost melts quickly away in a patchwork of sun and shade. Cold or not, squirrels can be heard scurrying about in woodland leaves, while woodpeckers still flit from dead tree to dead tree, looking for bugs to eat and sparrows hang out in grasses and cattails, flitting away when you get close.

§ There's a slim chance that the Leonid meteor shower, visible after midnight Thursday/Friday morning, will have some bursts of up to 300 meteors/hour. Good luck!

§ Many mammals will be drifting into hibernation later this month or next. There are two kinds of hibernation: raccoons, bears and many other mammals become very lethargic and sleep a lot, retaining a normal body temperature, while true hibernators like ground squirrels, some mice and bats, drop their core temperatures to around 39 degrees F. Insects can get even colder due to producing antifreeze and going into a state of suspended animation called diapause, or lay eggs and larvae that can survive even sub-zero temperatures.

§ Mushrooms can be found through the winter, and thanks to some rain, you may be able to find puffballs, pleurotis/oyster, shelf and jelly mushrooms. Also, check out the New Guide to Kansas Mushrooms--it's fantastic!