

Kaw Valley Almanac

September 19 - 25, 2022

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Day	Moon rises	South	Moon sets	% Illum/Phase
Monday	12:38 AM	08:32 AM	04:24 PM	31%
Tuesday	01:34 AM	09:23 AM	05:05 PM	22%
Wednesday	02:34 AM	10:11 AM	05:41 PM	15%
Thursday	03:36 AM	10:58 AM	06:11 PM	9%
Friday	04:39 AM	11:43 AM	06:38 PM	4%
Saturday	05:42 AM	12:27 PM	07:02 PM	1%
Sunday	06:46 AM	01:11 PM	07:26 PM	New Moon



Monarch migration is in full swing, though south winds this past week has made it difficult to move ahead. This monarch was finding refuge in some goldenrod. Many flowers have peaked due to the heat and dry, which concentrates insects even more in the hunt for food: see which flowers they like best.



Sun

Saturn SE at dusk, Venus east, Mars, Jupiter, south at dawn.

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	06:14 AM	07:05 AM	07:22 PM	08:24 PM
Tuesday	06:14 AM	07:06 AM	07:21 PM	08:22 PM
Wednesday	06:15 AM	07:07 AM	07:19 PM	08:20 PM
Thursday	06:16 AM	07:08 AM	07:17 PM	08:19 PM
Friday	06:17 AM	07:09 AM	07:16 PM	08:17 PM
Saturday	06:18 AM	07:10 AM	07:14 PM	08:15 PM
Sunday	06:19 AM	07:11 AM	07:13 PM	08:14 PM

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

§ Sunrise and sunset are great times to see bird migration, but radar has revealed that many more birds migrate at night than previously imagined. For instance, last Saturday night, it's estimated that over 5,000,000 birds flew south in Kansas after dark. Think that's a lot? The wind was more from the north in Nebraska and they had 25,000,000. Check out

<https://dashboard.birdcast.info> to see when migration is highest, or make your own predictions by looking at the wind speed and direction at windy.com

§ What's still blooming? Some goldenrod and sunflower species have finished up while other species are still going strong, joined by more and more species of asters.

§ This week's heat and moonless skies make it ideal to enjoy the night sky. Things to look for: getting to a dark enough sky to see the magnificent Milky Way. The Andromeda galaxy--the furthest object you can see with your naked eye: 2.5 million light years away. After sunset, Saturn is in the southeast, Jupiter is just rising in the east, and Mars rises around 11pm, with Venus visible before dawn. Look thru binoculars, too!

§ Thursday at 8:04pm is the autumnal equinox: see where the sun rises on the horizon and return to that spot to observe the sun moving south. We lose 15 minutes of daylight this week!