

# Kaw Valley Almanac

December 2 - 8, 2019

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Day	Moon rises	South	Moon sets	% Illum/Phase
Monday	12:22 PM	05:34 PM	10:50 PM	35%
Tuesday	12:53 PM	06:18 PM	11:49 PM	44%
Wednesday	01:21 PM	07:00 PM		1st Quarter
Thursday	01:47 PM	07:41 PM	12:46 AM	63%
Friday	02:12 PM	08:22 PM	01:43 AM	72%
Saturday	02:38 PM	09:04 PM	02:41 AM	80%
Sunday	03:05 PM	09:48 PM	03:39 AM	87%



The recent rains and windy days have blown off most leaves and as the native grasses dry out, they will be losing much of their fall colors as well as seed heads. Winter songbird flocks are back, and this weekend consider the first of many Eagle Days, this one at Loess Bluffs Natural Wildlife Preserve along the Missouri River Sat. Dec. 7 8am-Sun. Dec. 8 at 4pm.



Sun

Jupiter, Saturn, Venus in SW at dusk, Merc, Mars E at dawn

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	06:24 AM	07:21 AM	04:59 PM	06:05 PM
Tuesday	06:25 AM	07:22 AM	04:58 PM	06:04 PM
Wednesday	06:26 AM	07:23 AM	04:58 PM	06:04 PM
Thursday	06:27 AM	07:24 AM	04:58 PM	06:04 PM
Friday	06:27 AM	07:25 AM	04:58 PM	06:04 PM
Saturday	06:28 AM	07:25 AM	04:58 PM	06:04 PM
Sunday	06:29 AM	07:26 AM	04:58 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/>

## Nature Notes

§ Join Jayhawk Audubon Society for their annual holiday seed, book and feeder sale, 10:00am – 1:00pm Saturday, December 7, at the Senior Resource Center, 745 Vermont. Chickadees, cardinals, bluejays, juncos, nuthatches, titmouse all hang out at bird feeders this time of year.

§ Lawrence's Christmas Bird Count takes place December 14 this year and if you can't make that, Baldwin City has one on the 15th. But there are over 40 CBCs across the state—check details at <http://ksbirds.org/kos/2019CBC.htm>

§ This Wednesday is the start of rifle deer hunting season so this week is a great time to take hikes on public trails on land where hunting doesn't occur. And if you are a hunter, take a camera/take photos of animal tracks you don't know and other natural wonders that will pop up while waiting.

§ Connect the dots of the Moon, Venus and Jupiter this week and you'll get a clear picture of the zodiac, which is not just an astrological sign but the path of the planets and sun in our sky, each rising in the east and setting in the west, following each other, moving along the zodiac as they revolve around the sun.

§ The sunset happens this week earlier than at any other time of the year. Latest sunrise won't happen until January.