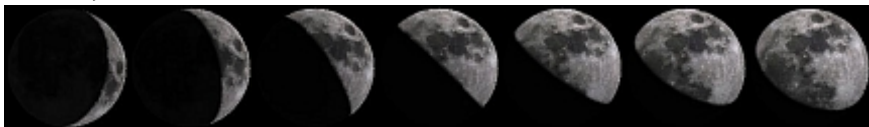


Kaw Valley Almanac

July 4 - 10, 2022

www.kawvalleyalmanac.com twitter: @KVAmanac

Day	Moon rises	South	Moon sets	% Illum/Phase
Monday	11:05 AM	05:51 PM	12:02 AM	29%
Tuesday	12:07 PM	06:33 PM	12:26 AM	39%
Wednesday	01:10 PM	07:17 PM	12:50 AM	43%
Thursday	02:16 PM	08:02 PM	01:14 AM	1st Quarter
Friday	03:25 PM	08:51 PM	01:39 AM	70%
Saturday	04:38 PM	09:45 PM	02:09 AM	80%
Sunday	05:54 PM	10:44 PM	02:44 AM	89%



Nature celebrates interdependence day with this spray of butterfly milkweed blossoms, which feed pollinators who help it produce seed-filled milkweed pods that open up and are carried away in the wind to produce new plants and feed new butterflies.



Sun

Mercury, Venus, Mars, Jupiter, Saturn east at dawn.

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	04:55 AM	06:00 AM	08:49 PM	10:04 PM
Tuesday	04:56 AM	06:01 AM	08:49 PM	10:04 PM
Wednesday	04:56 AM	06:02 AM	08:49 PM	10:03 PM
Thursday	04:57 AM	06:02 AM	08:49 PM	10:03 PM
Friday	04:58 AM	06:03 AM	08:48 PM	10:02 PM
Saturday	04:59 AM	06:03 AM	08:48 PM	10:02 PM
Sunday	04:59 AM	06:04 AM	08:48 PM	10:01 PM

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

§ The warm season tallgrass prairie grasses are ideally built to take advantage of the July heat and humidity, using what botanists call the C4 pathway to convert all that energy into biomass, at first growing abundant leaves, followed by seedheads that can be as tall as a person, or in the case of wet-loving cordgrass, as tall as a person on a horseback. In the meantime, cool season grasses such as brome, fescue and bluegrass have seeded out and will go dormant and even die under the summer heat conditions if rain doesn't come.

§ In prairies this week, in addition to butterfly and other milkweeds, which are beginning to create milkweed pods, look for gray coneflowers, blackeyed susan, prairie clovers, daisy fleabane, Culver's root, slender mountain mint, dogbane, oxeye daisy, beebalm, compassplant and many others.

§ Sycamores are shedding their bark, Kansas dogwood berries are green, soon to turn white, while sumac seedheads are starting to turning reddish brown. Osage orange balls are growing and black walnuts are the size of shelled pecans. Hedge parsley/sticktites seeds are maturing and look for more and more spiderwebs.

§ Enjoy the acrobatics of dragonflies and damselflies this time of year: look for them around water. Katydid are starting to singing at night while lightningbugs continue to stitch the sky.