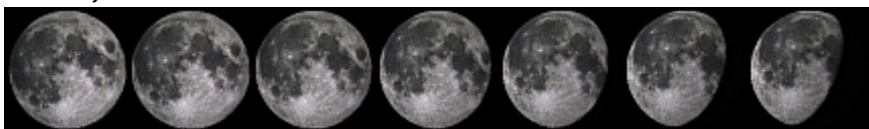


Kaw Valley Almanac

June 13 - 19, 2022

www.kawvalleyalmanac.com twitter: @KVAlmanac

Day	Moon rises	South	Moon sets	% Illum/Phase
Monday	08:22 PM		04:54 AM	100%
Tuesday	09:36 PM	01:05 AM	05:44 AM	Full Moon
Wednesday	10:42 PM	02:12 AM	06:46 AM	97%
Thursday	11:35 PM	03:19 AM	07:58 AM	91%
Friday		04:22 AM	09:15 AM	83%
Saturday	12:18 AM	05:20 AM	10:31 AM	73%
Sunday	12:52 AM	06:13 AM	11:43 AM	62%



No, I didn't scare these echinacea flowers, causing them to raise their ray flowers in surprise! When they first emerge, these *Echinacea pallida* ray flowers on the edge of the seed disk shoot skyward, then flatten out, finally relaxing enough to point down to the ground or even curve under toward the stalk. This probably cues pollinators which flowers to pay attention to.



Venus, Mars, Jupiter, Saturn east at dawn.

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	04:48 AM	05:55 AM	08:47 PM	10:02 PM
Tuesday	04:48 AM	05:55 AM	08:47 PM	10:02 PM
Wednesday	04:48 AM	05:55 AM	08:48 PM	10:03 PM
Thursday	04:48 AM	05:55 AM	08:48 PM	10:03 PM
Friday	04:48 AM	05:55 AM	08:48 PM	10:04 PM
Saturday	04:48 AM	05:55 AM	08:49 PM	10:04 PM
Sunday	04:49 AM	05:55 AM	08:49 PM	10:04 PM

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

§ We are in the thick of a bumper hackberry butterfly season, found by the tens of thousands on country gravel and dirt roads, under mulberry trees and drawn to animal scat. They are harmless and will land on your arms if you let them.

§ Just a few wildflowers blooming right now: daisy fleabane, sensitivebrier, butterfly and other milkweeds, wild indigo, wild alfalfa, blackeyed susans, penstemon, yarrow, deptford pink, prairie phlox, Indian plantain, echinacea, delphinium, coreopsis, evening primrose and many, many more.

§ With a hot, dry week ahead, expect test cuttings of wheat in southern counties as Kansas wheat harvest gets underway, moving north as the fields ripen and dry out. But the bane of wheat farmers, scattered severe storms with hail, are forecast mid-week, so keep your fingers crossed!

§ Time to check those blackberry, raspberry, gooseberry currant, and wild plum thickets, as wild strawberries are gone, mulberries are finishing up and elderberries and grapes are not yet ready. Don't forget about the ticks and chiggers!

§ If the day is sunny without wind, listen next to a corn field to see if you can hear it growing. Around sunset, watch for deer, blue herons, bats, bobcats and foxes. After dark, enjoy lightning bugs, nighthawks, whippoorwills, bullfrogs and snakes crossing the road after dark.