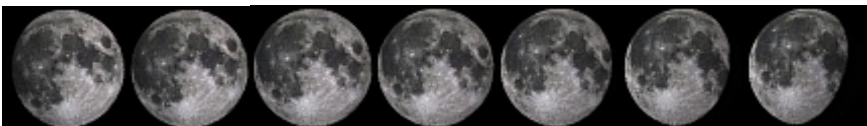


Kaw Valley Almanac

July 11 - 17, 2022

www.kawvalleyalmanac.com twitter: @KVAAlmanac

| Day | Moon rises | South | Moon sets | % Illum/Phase |
|-----------|------------|----------|-----------|---------------|
| Monday | 07:10 PM | 11:48 PM | 03:28 AM | 95% |
| Tuesday | 08:21 PM | | 04:24 AM | 99% |
| Wednesday | 09:21 PM | 12:56 AM | 05:32 AM | Full Moon |
| Thursday | 10:09 PM | 02:02 AM | 06:48 AM | 98% |
| Friday | 10:48 PM | 03:04 AM | 08:06 AM | 93% |
| Saturday | 11:20 PM | 04:01 AM | 09:23 AM | 85% |
| Sunday | 11:47 PM | 04:53 AM | 10:36 AM | 77% |



This is the pearl crescent butterfly, working over the composite black eyed susan flower. Pollinators and their predators are very busy these days: flies, moths, butterflies, beetles as well as spiders, wasps and other predators. Watch a clump of flowers to watch the unfolding drama.



Sun

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

| Day | Gets light | Sunrise | Sunset | Gets dark |
|-----------|------------|----------|----------|-----------|
| Monday | 05:00 AM | 06:05 AM | 08:47 PM | 10:01 PM |
| Tuesday | 05:01 AM | 06:05 AM | 08:47 PM | 10:00 PM |
| Wednesday | 05:02 AM | 06:06 AM | 08:46 PM | 09:59 PM |
| Thursday | 05:03 AM | 06:07 AM | 08:46 PM | 09:59 PM |
| Friday | 05:04 AM | 06:08 AM | 08:45 PM | 09:58 PM |
| Saturday | 05:05 AM | 06:08 AM | 08:45 PM | 09:57 PM |
| Sunday | 05:06 AM | 06:09 AM | 08:44 PM | 09:56 PM |

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

§ Prairie wildflowers currently blooming include gray coneflower, beebalm, black and brown eyed susan, coreopsis, slender mountain mint, Culver's root, lead plant, dogbane, compassplant, beebalm, vervain, wild petunia and others. Round rattlesnakemaster seedheads should start blooming soon and milkweed pods are maturing.

§ With daily highs in the 90s, nocturnal life becomes more active in the animal world in order to avoid the heat. Especially after a rain, you can see quite a bit of animal activity at night by driving slowly down country roads in your car, and with full moon this week, owls and other predators will be very active.

§ Some years, cottonwoods can start producing their fluff as early as late May, but now is the prime time for female trees to release their windblown seeds. Cottonwood seeds can also be seen floating on the surface of the water to spread their seed downstream.

§ Along roadsides, crown vetch is winding down its blossoms, musk thistle is spreading its seed, and chicory continues with its blue starlike blossoms. Another invasive, teasel is getting ready to bloom while sumac is setting on its seedheads. Now is a great time to collect them and soak them in water to make "sumac-ade," which tastes a lot like lemonade & has lots of vitamin C.