

# Kaw Valley Almanac

September 4 - 10, 2017

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Day	Moon rises	Moon south	Moon sets	% Illum.	Phase
Monday	07:04 PM		05:05 AM	98%	Full Moon
Tuesday	07:40 PM	12:32 AM	06:06 AM	100%	
Wednesday	08:13 PM	01:21 AM	07:09 AM	100%	
Thursday	08:47 PM	02:09 AM	08:12 AM	97%	
Friday	09:21 PM	02:58 AM	09:17 AM	93%	
Saturday	09:57 PM	03:48 AM	10:23 AM	86%	
Sunday	10:36 PM	04:40 AM	11:31 AM	77%	



This two-striped grasshopper--*Melanopus bivittatus*--blends in nicely with the bare soil in the Wakarusa/Baker wetlands. Take the time to take a walk with a friend in this wonderful natural area located on the south side of town and you'll be amazed at the variety of plants and animals.



## Sun

Venus, Mercury east at dawn;  
Saturn SW after dusk

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	05:59 AM	06:53 AM	07:46 PM	08:49 PM
Tuesday	06:00 AM	06:54 AM	07:45 PM	08:47 PM
Wednesday	06:01 AM	06:54 AM	07:43 PM	08:45 PM
Thursday	06:02 AM	06:55 AM	07:42 PM	08:44 PM
Friday	06:03 AM	06:56 AM	07:40 PM	08:42 PM
Saturday	06:04 AM	06:57 AM	07:39 PM	08:40 PM
Sunday	06:05 AM	06:58 AM	07:37 PM	08:39 PM

## Nature Notes

§ The Wakarusa/Baker wetlands are joining the Prairie Park in being dominated by a profusion of yellow flowers, as the wet-loving bidens/tick sunflower and annual sunflowers come into full bloom. These in turn, provide an opportunity to see a wide number of insects who pollinate these flowers: beetles, flies, bees and their spider predators.

§ Western ragweed and giant ragweed pollen are the source of some of the haziness in the sky, which can also create "pollen rings" around the sun: colorful rainbow colored rings that can be seen a little easier when you block out the sun with by standing behind a telephone pole/tree/leaves.

§ Sunrise and sunset are good times to see migratory blackbird flocks, and with the full moon rising around these times, go to a place with a good horizon like Wells Overlook or the wetlands with a pair of binoculars to observe small songbird flocks migrating across the face of the moon as it rises/sets

§ Monarchs and many other butterflies continue to pass through the area, though the numbers seem to be reduced. Find out the latest during the upcoming Monarch Watch open house Sat. Sept. 9 on West Campus (Foley Hall) 9am-2pm. Its fun for everyone and it's free.