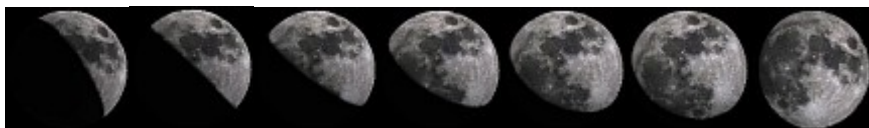


# Kaw Valley Almanac

October 15 - 21, 2018

[www.kawvalleyalmanac.com](http://www.kawvalleyalmanac.com) twitter: @KVAImanac

Day	Moon rises	South	Moon sets	% Illum.	Phase
Monday	01:48 PM	06:44 PM	11:41 PM	35%	1st Quarter
Tuesday	02:34 PM	07:32 PM		45%	
Wednesday	03:15 PM	08:20 PM	12:33 AM	54%	
Thursday	03:53 PM	09:06 PM	01:27 AM	64%	
Friday	04:26 PM	09:51 PM	02:24 AM	72%	
Saturday	04:58 PM	10:35 PM	03:21 AM	81%	
Sunday	05:27 PM	11:20 PM	04:20 AM	88%	



Ash leaves are falling, one of the first trees to lose their leaves in the fall. This made this tree a good tree to plant on the south side of a passive solar house because it loses its leaves in the fall and winter when the sun moves south, while providing shade in the summer time. Unfortunately the emerald ash borer is killing most ash trees, so box elders, hackberries or elms are better candidates nowadays. Watch these trees' leaves, which have been loosened by the shorter days and rain.



Sun

Saturn SW, Mars S at dusk,  
Jupiter low west at sunset

Day	Gets light	Sunrise	Sunset	Gets dark
Monday	06:37 AM	07:30 AM	06:42 PM	07:45 PM
Tuesday	06:38 AM	07:31 AM	06:41 PM	07:43 PM
Wednesday	06:39 AM	07:32 AM	06:39 PM	07:42 PM
Thursday	06:40 AM	07:33 AM	06:38 PM	07:41 PM
Friday	06:41 AM	07:34 AM	06:36 PM	07:39 PM
Saturday	06:42 AM	07:35 AM	06:35 PM	07:38 PM
Sunday	06:43 AM	07:36 AM	06:34 PM	07:37 PM

## Nature Notes

§ Clinton Lake and the Wakarusa Wetlands from the Baker Wetlands Discovery Center observation tower/blind or from the parking lots located off of Haskell/E. 1500 Rd. are fine locations to watch migrating birds gathering, flying and swimming, particularly around sunrise and sunset.

§ The next two weeks is a good time to spot area native prairies because unlike the green cool season grass brome and fescue hay fields, the warm season prairie grasses are turning coppery and reddish. Look for the many asters and a few sunflowers and goldenrods still blooming as well.

§ Deer activity is increasing with the beginning of rutting season. Look for their "rutting," areas where bucks have scraped off the ground, leaving patches of bare dirt, or removed the bark from sapling trees to clean the "felt" off their newly grown antlers. Drive carefully especially after sunset and before sunrise when deer are most active, and it's common that if you see one deer, another one might be coming.

§ There are over 700 kinds of insect galls on oaks, hackberry leaves, goldenrod stems and other plants. This is a great time of year to look for their bumps and growth distortions.