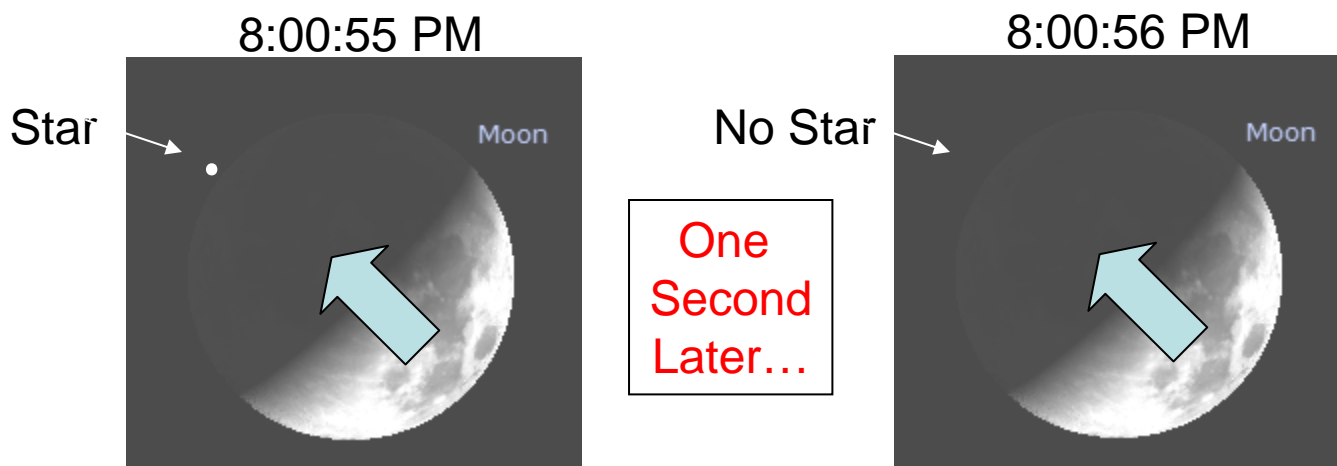


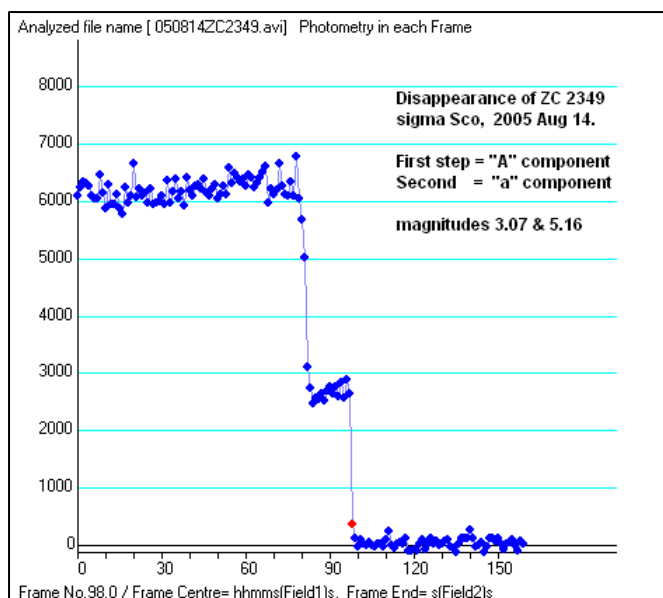
# Watch the Moon eclipse a star, and learn about binary star systems!



On Sunday evening, November 8<sup>th</sup>, 2016 at 8:00 P.M. the leading (dark) edge of the Moon will cut off the light from a star in the constellation Capricornus, just above the planet Mars in the southwestern sky.

The star is suspected to be a double star. We will take video of the star's disappearance behind the Moon and analyze the video on the spot, looking for evidence of the star's double nature.

If we see the light from the star disappear in two steps, as in the graph below, we will confirm its double nature and learn about the relative brightness of the star's two components.



Come join us in the center courtyard of the Fountain Hills High School starting around 7:30 P.M. on Sunday evening for some real Citizen Science!

*Sponsored by Fountain Hills High School and Fountain Hills Astronomy Club*