

## Mars - Moon occultation tonight - Monday January 13th

Hi all,

We lucked-out in Western Pa, (01/13/2025), the sky stayed clear and cold ~ 20 F.

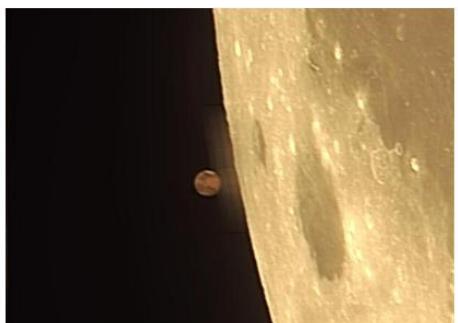
I was successful in EAA observing the Mars Occultation, though several pine trees to my east got in the way.



While I wasn't able to make a video, I was able to capture several images just prior to the start of the occultation using SharpCap's planetary livestack function:



(9:12:21 pm)



(9:13:27 pm)



(9:13:35 pm)

Meade 8" LX200 SCT @ f10, ASI290MC camera & IR filter, exposure=58ms, livestacked=~630 frames for the first two, then only 19 frames for the third)

Here's a zoom image of Mars, (9:13:27 pm), with identified surface features:



Later, after the Full Moon cleared the trees, I captured an observation:



(exposure=7ms, 500 frames stacked)

And while earlier waiting for the Mars/Moon pair to clear the tree top, I observed Jupiter and it's 4 Galilean Moons:



(exposure=75ms, 340 frames stacked)

A good night of shallow-sky observing!  
Larry