

## Wednesday July 6, 2016

Went to the DSS near Deer Trail, CO. Used my 8" tonight. Arrive about 4 PM and it was 95 degrees. Brisk wind from SW.

6:40 PM. Partly cloudy. Clearing nicely. 84 degrees. Wind now from NE.  
Going to sketch Lupus, and find PN in Lup, Sco and Sgr.

Clear overhead at 7:51PM. Clear to S. Cloud bank to SE moving E. Clear in SW.

Sunset at 8:20 PM. Wind from SW now. Someone setup top the south of me. My first PN is 5 degrees above the horizon. Good, Mark moved his car to the other side of the pad. Almost all clear. Few puffy clouds to W and low in S. Thunderhead low along E horizon.

Seeing and Transparency Good.

NGC 5882	9:53 PM	10mm – 122x – A small oval, brighter, pale white glow. With O3, stands out nicely and maybe see central star in center. Just 5 degrees above southern horizon and that area is a bit soft with haze. Stars are pinpoints in FOV.
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Seeing and Transparency Very Good.

IC 4599	9:59 PM	10mm – A tiny, bright pale white out of focus looking star. With O3, see bright central star with tiny bit of dim halo around it. Responds well to the O3 filter.
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He 2-313 PK 357-4.3	10:12 PM	10mm – Without O3, a tiny bright pale white out of focus looking star. With O3, make it a bit dimmer but stands out in FOV.
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He 2-320	10:16 PM	10mm – A tiny, yellowish colored, brighter star. Responds well to O3. Very different color than other blue white stars in FOV.
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M3-21 PK 355-6.1	10:23 PM	10mm – Without O3, a brighter off colored star. Responds well to O3.
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M 1-38	10:37 PM	10mm – A dim, yellow-orange colored star. Responds well to O3 where its bright and rest of star in FOV disappear.
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He 2-377	10:41 PM	10mm – A dim, off colored star. O3 shows it brightly.
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Tried to find MGC +11-19-006, but the galaxy I found was too bright and the star field didn't match the picture I had.

Looked at M13, M57, Alberio, Alpha Del, M20 all nice. Stars were pinpoints all night. This was a great night. 11:12 PM, packing it in and heading home. Have to be at work in the morning.