

Sunday October 6, 2013

Traveled the Dark Sky Site at Deer Trail, CO. Clear and 65 degrees when I arrived.

Light wind from NW. Mosquitos thick and forgot bug spray again.

Venus 6:54 PM ½ phase. Nice.

Moon very thin crescent approx. 8 degrees above western horizon. High thin haze moved in at sunset. 61 degrees. Sky and Transparency Good.

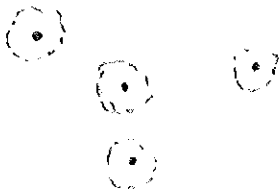
IC 1340 7:35 PM Chasing NGC 6995 down in FOV and there is a gap and then this fainter glow. Long and thin. Brighter in center and dims slowly along long end. No stars seen on glow. Only see it with OIII filter and 15mm eyepiece with adverted vision. Lynd Brightness 3-4.

Pickering's 7:45 PM
Triangle



This is a diffused nebula with no sharp edges. 15-20 stars of 3 magnitudes seen on glow. It is brighter in center and dimmer at edge. It is long and fatter on left hand side where most of the stars are and is very faint. It is thinner and snake like on right had side. 15mm eyepiece shows it the best and it all fits in the FIV nicely. Must use OIII filter with adverted vision. Cannot see it without filter, 26mm eyepiece shows more of the central region glow. Lynd Brightness 5.

LBN 306 7:55 PM



There is no sharp boundary to this nebula. There is 1 bright field star in the center of each glow. The 15mm shows it the best. A UHC filter shows the glow better. 26mm show the glow less while 10mm shows nebulosity extends around nearby dimmer stars. Around 3 brighter field stars is this dim, large round glow (Lynd Brightness 4). Then away and 1 FOV to left is this much brighter field star with a much larger circular halo glow around it (Lynd Brightness 3). Very easy to see.

IC 1546 8:11 PM

This nebula is very diffused and faint. There are lots of stars on glow for this is in a star rich field. Only see it with UHC filter and best view is in 15mm. A very faint round glow underneath lots of stars. Used adverted vision to see it. Lynd Brightness 6.

LBN 140 8:17 PM In 15mm, 9 stars form a grouping. Around brightest star is a large round glow. Brighter near stars and dims slowly. Around 2nd brightest is a smaller, dimmer halo glow. In between are 7 more compact stars with tiny round glows around them making them look like out of focus stars. Best seen without UHC filter. 26mm shows glow around 2 brightest stars only. Lynd Brightness 3.

LBN 619 8:23 PM Very diffused. Lots of stars on glow for it is in a star rich field. It is very large. In 26mm, pan around several FOVs to see it all. Only see it with UHC filter. There are a couple of spots that are a hare brighter than rest of glow that 15mm shows better than 26mm. Seen with adverted vision. In a star rich area of sky, you can see a lighter contrast than surrounding sky. Very subtle. Can see a couple of areas a hare brighter. Lynd Brightness 6.

8:27 PM Sky and Transparency Good. 47 degrees.

Sh 2-129 8:38 PM In a star rich field, you can see this glow underneath many field stars, which help illuminate it. It is fairly large in size. Around brightest stars you can see larger halos. It is easier to see without UHC filter. 15mm shows it the best while view in 26mm not bad. Seen with direct vision. Lynd Brightness 3 & 4.

Sh 2-137 8:44 PM In 15mm, see this larger, roundish glow. Around 2 brightest stars see a nice halo glow. Very dim though. See hint of glow as a contrast to sky outside this area. UHC shows this glow nicely. In a star rich field. The brightness is uneven. See halo glows without UHC (Lynd Brightness 3) and see the nebula in between stars with UHC (Lynd Brightness 4). Seen with direct vision.

Sh 2-134 8:53 PM Nice. This is huge and UHC filter helps show size. Very diffused in a star rich field/ The brightness is uneven, brightest near stars (Lynd Brightness 3) and splotchy in between stars (Lynd Brightness 5). It is 4 FOVs in diameter, roundish. Pan scope around with UHC to see it all. Can see larger halo glows around brighter stars and a hint of nebula in between using UHC filter, which the glow is uneven. 26mm doesn't show it very well and it is hard to see what 15mm shows. Lynd Brightness

9:04 PM Sky and Transparency Very Good. Stars steady. Milky Way nice and defined. 43 degrees.

Sh 2-155 9:04 PM Very diffused with lots of stars on glow for it is in a star rich field. It is an uneven glow that is very dim and splotchy. Near brighter stars is a small halo glow. 2 15mm FOVs in size. Best seen with UHC filter and 15mm. Seen with direct vision. A very faint glow underneath lots of stars. Can see it faintly without UHC and glow around stars is easier to see without UHC. Lynd Brightness 5.

NGC 7538 9:10 PM Around 2 dim field stars that are near each other is this small oval glow. Best see with UHC filter and 15mm eyepiece. Its these 2 stars that light up this nebula and give it its shape. See with direct vision. Lynd Brightness 4.



NGC 7635 9:18 PM Very diffused and sits underneath 10-15 stars. It is brightest around field stars. Seen with direct vision. A larger, very dim, oval glow under several field stars. Best seen with UHC and 15mm which shows a very dim, uniformly lit glow of nebula. Around 3 brightest field stars is a nice, easy to see dim halo glow (Lynd Brightness 3) that is brightest near stars and dims slowly to background nebula glow (Lynd Brightness 5).

IC 1470 9:26 PM Around 3 brighter field stars is this large, round halo glow. Around left hand side star is 4 dimmer stars with halo glows seen. With UHC see halo glow easier but can see it well without filter. This nebula is harder to see with 26mm. See it with direct vision. Lynd Brightness 3.

IC 5366 9:37PM 15mm – A diffused, round, large, uniformly lit very faint glow. Best when without UHC filter and it disappears with the filter. Around a white, bright star. Obvious it is there. Can see it with direct vision. Lynd Brightness 6.

Sh 2-163 9:46 PM Underneath a tight grouping of 10-15 dimmer stars is this glow. Near stars glow brighter but doesn't make halos around stars. Just makes nebula brighter in this area. Can only see it with UHC filter. 15mm gives best view. It is ovalish in shape and large and has a diffused edge. See it with direct vision. Lynd Brightness 5.

DG 191

9:52 PM

30+ stars sits on top of a roughly circular, uneven, diffused glow. You can see a glow around the two brightest stars without UHC filter. With filter and 15mm, see glow underneath 10 stars close together that includes the 2 brightest stars and blotchyness under chain of 20 more stars forming the top of a heart shape (double curves). See it with direct vision. Lynd Brightness 6.



LBN 434

9:58 PM

Around a bright yellow star is this very dim, round halo glow. See it best in 15mm without UHC filter but the filter shows it also. See it with direct vision. Lynd Brightness 5.

NGC 281

10:02 PM

Easy to see glow in 15mm with and without UHC filter, Fills center of FOV nicely. 30+ stars sit on top of glow (an OC maybe). Glow splotchy and is not uniformly lit. Seems to be brighter near stars but no halo glow around stars, just a brighter nebula. Seen with direct vision. It is larger and roundish. It is in a star rich field. Lynd Brightness 3.

Sh 2-183

10:09 PM

Around 6 stars in 2 groupings near each other is a glow underneath stars. Easy to see but dim. Best seen in 15mm without UHC but UHC shows it also. Uniformly lit glow seen with direct vision. Lynd Brightness 4.



IC 59

10:13 PM

Around a bright blue white star is this large halo glow that is easy to see with direct vision. It is brightest near star and dim slowly to a diffused edge. Lynd Brightness 1.



IC 63

10:13 PM

Around a stars and in same FOV as IC 63 is a bright field star with a small halo glow around it. Best seen with 15mm, no UHC filter and direct vision. Lynd Brightness 3.

10:22 PM. Packing it in. Great Night. Saw other objects like M13, M17, Swan and M31.