

## Wednesday, September 12, 2007

Arrived at the Denver Dark Sky Site east of Deer Trail, CO about 4:30 PM, had the scope setup shortly after that. Sky was clear overhead with thunderstorms in the SE that moved away before dark. At sunset, clouds hugging horizon to SW. Light wind from SE.

Jupiter was incredible. Saw many bands on the planet and the 9mm worked great.


NGC 6572    8:14 PM    19mm – Nice. Larger than out-of-focus star. Easy to see. O3 and UHC show it about the same. Bluish-green colored circular patch of light. Central star often seen with AV in center of a small, circular glow. 9mm - Larger and easier to see. w/o filters is the best view at this power. Larger, circular greenish glow with central star often seen in center of glow with AV.

Tr33        8:21 PM    19mm - Nicely fills center of FOV. A brighter field star is to upper left of approx 10-15 stars of 2 magnitudes. Roughly circular in shape. Pretty loose. Class II.3.p.

Ru 146     8:35 PM    19mm - A boxy, linear cluster with approx 10 stars of same, dim magnitude and one star on rhs a hare brighter. Approx 1/2 FOV in length. Class III.1.p.


60 degrees now. Sky is steady and great. Seeing good. Light breeze from S.




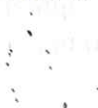
NGC 6716    8:39 PM    19mm - Nice. Easy to see. Makes a fishhook pattern with an eyelet and hook. 20-30 stars of 3 magnitudes makeup this string of stars. Stands out for these stars are brighter than surrounding stars. Much brighter field star to upper left top of string. Class II.1.p.



NGC 6774    8:47 PM    32mm - Fills FOV nicely with many blue white stars of 4-5 magnitudes. Roughly circular in shape. Has couple of hare brighter field stars in amongst these stars. Class II.3.m.

Tr35        8:56 PM    19mm - Small, dim circular cluster. Approx 30 very dim stars of approx 3 magnitudes sitting on a glow of what may be much dimmer unseen stars. Class I.2.m. 10 of the brighter stars of approx same magnitude make an arc thru upper part (above center) of cluster.



- Berk 80 9:18 PM 19mm - 10 very faint stars sit atop a faint glow. Pretty loose and irregular. 3 stars in a row match photo I have of it. Class III.1.p. 9mm doesn't show any more stars.
- Cr 401 9:31 PM 19mm - A bright, blue white field star is in the center of what appears to be a halo glow. w/AV and waiting, the glow around star are many faint stars of the cluster. The cluster is very small and circular and very near brighter star. This was a cool one. Class I.1.p.
- Berk 82 9:43 PM 19mm - 3 brighter stars and 3 dimmer starts form an arc that bounds the outside of a glow that is distinctly there. Class I.3.p.
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- NGC 6709 9:51 PM 19mm - 50+ stars of approx 5 magnitudes. Roughly circular. Very loose. Brighter blue white stars stand out in an area void of these. Class II.2.m. Fills center of FOV of 19mm nicely. Approx 1/2 FOV in diameter.
- King 25 9:59 PM 19mm - 10 stars of 3 magnitudes bound a faint glow with in their center. 9mm shows the glow and can almost resolve it into stars. Class III.1.p.
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- Berk 47 10:12 PM 19mm - Shows a circlet of 3 easy to see stars on upper left side and a dimmer 4th star on bottom right and a 5th very faint star on upper right that is seen every once in a while. 9mm show same view, only larger. Class II.3.p.
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- Harvard 20 10:29 PM 9mm - shows it the best. 11 stars in roughly a circle of 4 magnitudes. Very faint. 2 stars very hard to see. 8 others pretty easy to see. Class II.3.p. Matches picture I printed of this cluster.
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Seeing not as good now. Sky softening and clouds approaching from West.

- Steph1 10:43 PM 19mm - 20+ stars are centered around a very bright field star of Lyra. Approx 4 magnitudes seen with faintest barely there, but seen. Brightest are very bright. Scattered around the bright field star with no real shape. Very loose. Class III.3.p.

NGC 6791    10:54 PM    19mm - 5-6 brighter stars at top edge of a glow that is pretty circular. Can tell there are stars in the glow. 9mm shows the very faint stars now. Many seen. Also, a mottling of the glow is seen of much fainter unseen stars. Very faint overall. But you can see its boundary because has nice contrast against background sky. Class I.1.m.

Clouds moving in from W at 11 PM. Decided to drive home and spend the night in my own bed.