## Friday, November 2, 2007

Arrived at Dan LaFaive's New Raymer site. Its north of Raymer about 3 miles. Its nice. Dark. Dan showed up about dark.

Cloudy at sunset and cleared from NW by 8:00 PM.

NGC 7142 8:13 PM

32mm – See 3 brighter stars on top (bounding) of a faint glow with tiny stars seen on glow. 19mm - Shows 20 faint stars with glow underneath. Pretty circular in shape. 9mm- Shows these 20+ stars and hints of the fainter stars making up glow. The glow is mottled at this power. Class II 3 m.

Comet Holmes

32mm - This is spectacular. Fills FOV. Rhs is a definite boundary, sharp line, where lhs is diffused. Coma is not constant in brightness but has brighter and dimmer areas. Nucleus glow is not centered in coma but is off to lower right.

31 degrees. Sky OK. Seeing good.

French 1 8:30 PM
NGC 7025


19mm - 13 stars of 2 magnitudes, 9 of the brighter magnitude. All blue-white in color and very loose. See NGC 7025 just off the bottom star as a very small, round glow with hare brighter nucleus. Class III 1 p.

Pal 13 8:47 PM

9mm - There is a contrast of a glow where this is supposed to be. Its large in the 9mm FOV. Almost not there is it so faint.

IC1747 9:07 PM

19mm - Small, round out of focus star. Off white in color. Pretty bright yet almost stellar. OIII shows it the same.

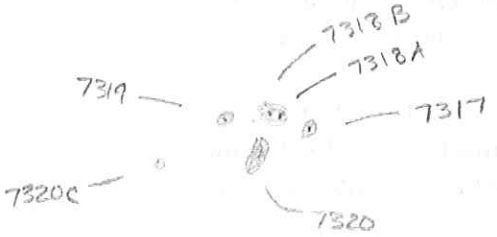
IC289 9:24 PM

19mm - Shows it the best. Small, round, diffused faint glow easily seen with OIII. Barely seen without filter. Very dim. No central star seen. 9mm didn't show it any better for sky is too soft for this power.

30 degrees. Sky soft. Seeing OK.

| | | |
|---|---|---|
| NGC 1501 | 9:30 PM | 19mm - Medium sized round uniformly lit glow. Easy to see without OIII. OIII shows it nicely. No central star seen. |
| NGC 40 | 9:45 PM | 19mm - Medium sized, easy to see glow with very bright central star seen. OIII doesn't give as good of a view as without. The halo around the central star is dim, yet there. Its round. |
| NGC 7354 | 9:52 PM | 19mm - Small, round uniformly lit glow. Central star seen every once in a while. OIII shows it nicely and saw central star more often with OIII than without. Stands out in FOV without filter. |
| NGC 7063 | 10:01 PM | 19mm - Fills center of FOV nicely. Approx 20 stars of which 8 are very bright and blue-white. Easy to see. Others are fainter and dim amongst these brighter stars. I saw it in the 8x50 finder scope as a small knot of stars.<br>Class III 3 p. |
| NGC 7331<br>NGC 7335<br>NGC 7337<br>NGC 7340 | 10:24 PM | 19mm. 7331 is nice, long, tilted galaxy with nice, bright nucleus. 7335 just an oval smudge of light seen with AV. 7337 is a dim round glow with a tiny, hare brighter nucleus. 7340 is smaller and a round glow with hare brighter nucleus. Didn't see 7336 where it was supposed to be. |


| | | |
|---|---|---|
| Stephans Quintet<br>NGC 7320C<br>NGC 7317<br>NGC 7318 A&B<br>NGC 7319<br>NGC 7320 | 10:37 PM | 19mm - Can see 7320C once in a while. Very faint smudge of light. 7320 is oval glow with nucleus glow seen. 7317 is a round, faint glow with tiny, brighter nucleus. 7318 A & B have 2 tiny nucleus on one oval halo glow. 7319 to left and it too has a tiny nucleus glow on a very dim, small, round halo glow. |



| | | |
|---|---|---|
| M76 | 10:57 PM | 19mm - An hour glass shape on its side with lhs lobe brighter than rhs one. w/ OIII, see a "star" in lhs brighter lobe. Easy to see with and without OIII filter. |
| PK104-29.1 | 11:27 PM | 9mm - Very faint circular glow with maybe a very faint star seen once in a while in center of this glow. Almost not there. OIII didn't show anything when unaided saw it. |

26 degrees. Light wind from South. Sky steady. Seeing OK.

| | | |
|---|---|---|
| NGC 7662 | 11:42 PM | 19mm - Small, round, bright, blue-green colored glow. Central star seen once in a while with AV. OIII shows it nicely. |

I wasn't feeling good so I went to bed and woke up 4 AM. I practiced star hopping in the star fields to the last few OCs I have left in Puppis. At about 5:10 AM, the Moon grazed Regulus. I was not more than 1/2 mile north of the predicted graze center line. I guess this makes a difference, for Regulus never "winked" in the mountains. I used the 9mm. I did think it dimmed just a bit when it was closest to the Moon.