

Monday, January 11, 2021

Arrived at Little Thompson Observatory in Berthoud, CO about 7:00 PM. Used the 24" telescope with my 13mm eyepiece all night.

It was 29° when I arrived. Sky clear. Seeing good. Calm. No wind.

NGC 1137 7:50 PM 13 mm – A small, fat oval glow with a hair brighter stellar core.

NGC 1152 7:52 PM 13 mm – A small, very faint, uniformly lit oval glow. Maybe very faint core seen with AV.

Sky is just at the point where you can't see these galaxies very well.

NGC 1194 7:55 PM 13 mm – A tiny, very faint, uniformly lit ghostly glow at 4 o'clock to a very faint field star.

NGC 1211 8:00 PM 13 mm – A bigger, round glow with larger, hair brighter core seen with AV.

NGC 1223 8:03 PM 13 mm – A faint edge on or thin oval with brighter core. Core is probably a field star.

NGC 1218 8:06 PM 13 mm – A tiny hint of an extremely faint glow where it's suppose to be.

NGC 1219 8:09 PM 13 mm – A small, extremely faint oval, uniformly lit glow.

The seeing and transparency is still good.

NGC 1222 8:10 PM 13 mm – An extremely faint, uniformly lit, maybe hint of a core, small, oval to round shaped glow.

NGC 1237 8:15 PM 13 mm – 2 very faint stars very close together. Bottom right star is a hair brighter than other.

NGC 1340 8:18 PM 13 mm – A larger, fat oval. Uniformly lit, very faint glow.

NGC 1435 8:28 PM 13 mm – Around a bright field star of M45 is this large, circular halo glow.

NGC 1420 8:33 PM 13mm – 3 very faint field stars are very close. Looks like a glow but 3 stars seen.

NGC 1430 8:34 PM 13 mm – A very faint field star.

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| NGC 1443 | 8:36 PM | 13 mm – A brighter field star. |
| NGC 1454 | 8:38 PM | 13 mm – An <u>extremely faint</u> field star. |
| NGC 1456 | 8:32 PM | 13 mm – 2 brighter field stars, very close but splitable. Both approx. same magnitude. |

Tried to find Berkeley 20 & 21 but didn't see them. I can see where the stars are supposed to be, but they are invisible.

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| NGC 2143 | 8:53 PM | 13 mm – A large, loose OC of approx. 20+ stars of a brighter set of stars and a dimmer 2 magnitudes of stars. Fills center of FOV on 13mm. |
| NGC 2202 | 8:57 PM | 13 mm – A brighter star, with 6 bit dimmer stars in an arc to right, mixed with 5 dim stars. Then above and to left are a few very faint stars. Somewhat compact. |
| NGC 2219 | 9:00 PM | 13 mm – Between 2 bright field stars and above are 3 dim stars bounding the top of 10-15 faint stars. Somewhat compact. |
| NGC 2250 | 9:09 PM | 13 mm – A brighter star is on upper left of a big, fat oval of 12 dim stars around edge and maybe 20+ more faint stars in the center. Fills center of FOV of eyepiece. |

When I left, it was 23° at 9:30 PM. The seeing was just good enough to see what I had planned on seeing. Was never cold. I was so layered up that I was a bit sweaty.