

Monday March 25, 2019

Went to LTO to use the 24". Used my 13mm (187x) eyepiece all night. There were thin cirrus clouds streaming from the mountains to overhead at sunset. There was a haze of clouds along the northern and southern horizons.

Seeing and Transparency OK.

Abell 12 8:26 PM A very faint, round, uniformly lit glow. Only see it with the PK 198-06.1 O3 filter. From the bright field star in Orion's quiver, there is a glow of nebulosity then an elongation towards 2 o'clock. Then I could split this elongation and see the small, round glow of the PN.

NGC 3930 8:38 PM An extremely faint smudge of light that moves when I move it across the FOV. It is small and oval shaped.

NGC 4375 8:49 PM A very small, very faint oval, uniformly lit glow.

Scott Kindt's class has gone and I have the observatory to myself now.

NGC 4495 9:44 PM A very small, extremely faint oval glow.

Seeing and transparency still OK.

NGC 4525 9:49 PM A very small, extremely faint oval glow.

NGC 4583 9:52 PM A very small, extremely faint, thin oval glow.

NGC 4393 9:55 PM A very small, thin, 2:1, very faint glow.

NGC 4529 9:57 PM A small, fat oval to round shape, extremely faint, uniformly lit glow.

NGC 4619 10:02 PM A small, fat oval, 2:1, very faint, uniformly lit glow. To right and near a brighter field star.

NGC 4534 10:04 PM An extremely faint, small oval glow. Seen once.

NGC 4711 10:06 PM A small extremely faint oval smudge of light.

NGC 4774 10:12 PM A very small, extremely faint roundish ghostly glow.

NGC 4662 10:15 PM A ghostly glow that my eye follows as I pan it back and forth thru the FOV.

NGC 4737	10:18 PM	A very small oval glow. <u>Extremely faint</u> with hare brighter stellar core.
NGC 4719	10:23 PM	An <u>extremely faint</u> ghostly smudge of light.
NGC 4296	10:26 PM	A small, fat, uniformly lit dim oval.
NGC 4423	10:29 PM	A small thin 4:1 cigar shaped, uniformly lit, extremely faint glow.
NGC 4453	10:35 PM	A very small, <u>extremely faint</u> oval glow.
NGC 4532	10:37 PM	A small, fat oval, extremely faint, uniformly lit.
NGC 4591	10:39 PM	A small oval, <u>extremely faint</u> halo with brighter, stellar core.
NGC 4588	10:42 PM	A small, extremely faint, uniformly lit oval glow.
NGC 4577	10:44 PM	Above and to the right and near N4591 is this identical looking, small, extremely faint oval glow.
NGC 4580	10:46 PM	A bit larger than small sized fat oval, very faint, uniformly lit.
NGC 4480	10:49 PM	A small, <u>extremely faint</u> thin, 2:1 oval glow.
NGC 4412	10:52 PM	A small, extremely faint oval with brighter, stellar core.
NGC 4457	10:55 PM	A small dim oval glow with brighter stellar core. Nicest one I've seen tonight.

Seeing and Transparency degrading. OK to Poor now.

NGC 4420	10:58 PM	A thin, 2:1 oval. Very faint, uniformly lit glow.
NGC 4538	11:01 PM	A small oval, <u>extremely faint</u> , uniformly lit glow.
NGC 4496	11:03 PM	A medium sized, <u>extremely faint</u> ghostly glow with hare brighter stellar core.

Clouds forming in the east just under where I'm looking. I did find some galaxies but even the 12.8 magnitude ones were extremely faint tonight.

When I got home, I saw a thick haze along the east and south horizons. 3rd magnitude stars were hard to see overhead.

I had a great night!