

Tuesday May 27, 2014

Used LTO's 24" Newtonian, with a 13mm eyepiece (281x) with the Galaxy Contrast Enhancement filter.

Before sunset, partly cloudy with a thin haze between the clouds. At sunset, clear overhead but a bit hazy. 76 degrees. Broken clouds hugging horizon.

9:33 PM. Sky poor. Tried to find 4 different galaxies and didn't see a hint of one.

Mars 9:39 PM Looked good in 13mm. Tiny white polar cap at 10 o'clock.

9:52 PM. Saturn looked good. 70 degrees. Sky $\frac{3}{4}$ overcast. South clear but no galaxies seen.

Sky Fair. Transparency Fair.

NGC 4592	10:27 PM	13mm – A long thin dim uniformly lit glow.
NGC 4868	10:33 PM	13mm – A small, round, very dim glow. w/AV, can see it has a brighter core in center and once saw 2 CCW arms spiraling out from core at 8 and 2 o'clock.
NGC 5014	10:37 PM	13mm – A small, thin, cigar shaped glow. Dim. Has hare brighter larger linear core down center and tiny brighter core in center of that.
NGC 5141 NGC 5142	10:41 PM	13mm – 2 <u>very</u> faint galaxies very near each other. Right hand one is small, edge on with hare brighter core. Left one is a small, thin oval, fatter than other, with hare brighter core in center.
NGC 5112	10:44 PM	13mm – A larger, extremely faint, round, uniformly lit glow. Seen with AV only.
NGC 5123	10:47 PM	13mm – A small, fat oval, <u>very</u> faint. Has larger, hare brighter core area.
NGC 5145	10:50 PM	13mm – A small, thin oval. Dim. With hare brighter core seen with AV in center of dim glow.
NGC 5290	10:57 PM	13mm – A small, thin edge on. Longer, dim tapered arms off brighter small core.

NGC 5311 NGC 5313	10:56 PM	13mm – A tiny fat oval with tiny, hare brighter core. Dim. To left is a larger, bright tilted oval (N5313) with larger, brighter core in center.
NGC 5337	10:59 PM	13mm – A small, extremely faint, tilted oval, uniformly lit.
Sky OK. Transparency OK. 68 degrees. Using 13mm with GCE filter working great.		
NGC 3437	11:02 PM	13mm – A small, dim, fat thin oval, uniformly lit.
NGC 3451	11:05 PM	13mm – A small, extremely faint, fat, long cigar shaped oval. Uniformly lit.
NGC 3808	11:08 PM	13mm – To upper left of a brighter field star is this tiny, oval, uniformly lit smudge of light. Just barely there. A ghostly glow.
NGC 3842	11:12 PM	13mm – A small, <u>very</u> faint round glow with hare brighter, larger core. Very hard to see.
NGC 3862	11:15 PM	13mm – A tiny, <u>extremely faint</u> , uniformly lit oval glow.
NGC 4032	11:17 PM	13mm – A small, <u>extremely faint</u> glow. A bright long linear core with even brighter center area popped into view once. This was centered on <u>extremely faint</u> long oval glow.
NGC 3872	11:20 PM	13mm – A small, round, <u>extremely faint</u> halo glow with bright, small core that dims quickly to <u>extremely faint</u> halo glow.
NGC 3968	11:24 PM	13mm – An <u>extremely faint</u> ghostly glow. Hard to see. A small, fat oval shape maybe. Can't tell for sure. Seen once in a while with AV.
NGC 4684	11:28 PM	13mm – A small, thin edge on. Bright. Most of what is seen is a long, linear core of uniform brightness.
NGC 4454	11:31 PM	13mm – A very small, <u>extremely faint</u> , linear oval. Uniformly lit.
NGC 4602	11:33 PM	13mm – A medium sized, long, thin oval, <u>very</u> faint, uniformly lit.
NGC 4593	11:35 PM	13mm – A small, <u>very</u> faint, thin oval with hare brighter small core in center, seen with AV.

NGC 5111	11:41 PM	13mm – A very small, <u>very</u> faint, oval glow. Uniformly lit. Has a <u>very</u> faint star in center of glow with is a field star and not a core.
NGC 5017	11:44 PM	13mm – A very small, round <u>very</u> dim glow with tiny, hare brighter star like core in center of glow.
NGC 4877	11:46 PM	13mm – A small, <u>extremely faint</u> linear smudge of light. Barely there with AV.
NGC 5230	11:51 PM	13mm – A medium sized, round, <u>very</u> faint, uniformly lit glow.
NGC 5175 NGC 5174	11:57 PM	13mm - 2 very small, uniformly lit ovals. Very near each other. Lower left one (N5175) is a bit larger than upper right (N5174) one, <u>extremely faint</u> , hard to see.

68 degrees. Sky Fair. Transparency Fair.

NGC 5147	12:03 AM	13mm – A small, <u>very</u> dim tilted oval with brighter, small core in center of halo glow.
NGC 5386 NGC 5382	12:06 AM	13mm – A small, thin, <u>very</u> faint edge on with hare brighter small core. To lower right is N5382, a <u>very</u> faint, oval glow with hint of a hare brighter core in center. Both very hard to see.
NGC 5416	12:08 AM	13mm – A small, <u>extremely faint</u> , long, thin oval, uniformly lit, smudge of light.
NGC 5532	12:10 AM	13mm – A small, <u>very</u> dim edge on. Nice. Has larger, hare brighter core and <u>very</u> dim tapered arms off core.
NGC 5674	12:12 AM	13mm – A <u>very</u> faint, long, thin small oval. Uniformly lit.
NGC 5623	12:15 AM	13mm – A small, dim, tilted oval with large, bright, easy to see core on halo glow.
NGC 5656	12:18 AM	13mm – A small tilted oval. Dim. Has larger, brighter core on dim halo glow.
NGC 5318	12:20 AM	13mm – A very small, dim, fat oval with small, brighter core.

NGC 5380	12:22 AM	13mm – A very small, fat oval, <u>very</u> faint halo glow with larger, hare brighter core seen on halo.
NGC 5303	12:24 AM	13mm – A very small, dim, easy to see tilted oval with larger, hare brighter core seen.
NGC 5541 NGC 5536	12:26 AM	13mm – A very small, tilted oval, very dim, uniformly lit. Then below this and near and to right is N5536, a small, long, slender, <u>extremely faint</u> smudge of light.
NGC 5301	12:31 AM	13mm – A medium sized, long, thin, slender, very faint, uniformly lit glow.
NGC 5377	12:32 AM	13mm – A very dim, long, medium sized, tilted oval with larger, brighter core. Nice.
NGC 5173 NGC 5198	12:36 AM	13mm – A very small, fat oval. Dim. With small, brighter core. Then above N5173 and to right is N5198, a tiny, oval, <u>very</u> faint glow with hare brighter star like core in center. Looks like an out of focus star or a planetary nebula.

Sky OK. Transparency OK. Packing up and heading home. Great night of observing.