

Tuesday May 8, 2018

Arrived at LTO. Used the 24" with the hand controlled dome controller. Worked well. A couple of times I didn't notice the telescope pointing into it. They plan to get the regular dome controller installed so when I slew the telescope, the slit will center on the telescope.

Clear and calm at sunset. Sky is good. Transparency is good.

NGC 4104	9:17 PM	13mm – A very small, <u>very faint</u> oval glow. Maybe hint of a tiny, hare brighter core. But for most part, pretty uniformly lit.
NGC 4352	9:34 PM	13mm – A very faint, long, thin 3:1 oval. Has larger, brighter core and halo off each end.
NGC 4452	9:38 PM	13mm – A long, thin, 4:1, uniformly lit faint glow.
NGC 4491	9:40 PM	13mm – A long cigar shaped, 3:1, uniformly lit, extremely faint glow.
NGC 4497	9:43 PM	13mm – A small, thin, 2:1 oval, uniformly lit, extremely faint glow.
NGC 4440	9:46 PM	13mm – A very small, dim oval to roundish shaped galaxy. Easy to see. Has stellar, hare brighter core.
NGC 4431	9:49 PM	13mm – To right of N4440 and in same FOV is this tiny, <u>extremely faint</u> halo glow around a very faint stellar core. Barely there.
NGC 4436	9:53 PM	13mm – Between N4440 and N4431 and a bit above is this very small, <u>extremely faint</u> oval glow that is barely there. 2:1. Uniformly lit.
NGC 4413	9:57 PM	13mm – A small fat oval to roundish shape. <u>Very faint</u> , uniformly lit glow.
NGC 4425	9:59 PM	13mm – A small, very faint, thin, 3:1 oval. Has brighter core that dims slowly to edge.
NGC 4387	10:02 PM	13mm – A very small, very faint thin oval. Maybe larger core. Hard to tell because it is so small. Pretty uniformly lit. Just below and between 2 Messier galaxies.

Seeing and Transparency good.

NGC 4458	10:08 PM	13mm – A very small, roundish, very faint glow. Has brighter stellar core in center.
NGC 4468	10:11 PM	13mm – A very small, <u>very faint</u> fat oval, uniformly lit glow. Nestled between 2 brighter galaxies.
NGC 4474	10:13 PM	13mm – A very small, thin, 2:1 oval. Very faint. Has hare brighter larger central area with brighter small core in center of this. <u>Very faint</u> halo off each end.
NGC 4477	10:16 PM	13mm – A small, roundish dim glow. Has larger, uniformly lit core area.
NGC 4377	10:18 PM	13mm – A small roundish very faint glow. Has 2 stellar cores side by side. Maybe a bar.
NGC 4421	10:21 PM	13mm – A very small, thin oval, <u>very faint</u> . Has brighter complex core. Saw multiple brighter areas in center of glow. Maybe linear core or bar.
NGC 4328	10:25 PM	13mm – An <u>extremely faint</u> ghostly tiny oval uniformly lit glow. Popped into view once.
NGC 4344	10:27 PM	13mm – An <u>extremely faint</u> , very small oval, uniformly lit, ghostly glow. Barely there.

Seeing and Transparency OK. Not as good as I had hoped looking at the Clear Sky Clock this afternoon.

NGC 4405	10:30 PM	13mm – A small, fat oval. <u>Very faint</u> . Uniformly lit.
NGC 4489	10:32 PM	13mm – A very small, <u>very faint</u> roundish glow. Has larger core that brightens slowly to a bit brighter, stellar core.
NGC 4498	10:34 PM	13mm – A small, thin cigar shaped oval. 3:1. Uniformly lit. <u>Very faint</u> .
NGC 4502	10:37 PM	13mm – Saw it once. A think oval, 2:1, <u>extremely faint</u> ghostly, uniformly lit glow.
NGC 4515	10:40 PM	13mm – A very small, roundish, <u>very faint</u> glow. Has something hare brighter in core area and saw tiny, very faint stellar core once in a while.

NGC 4651	10:42 PM	13mm – A medium sized, dim fat oval. Uniformly lit. Something teases my eye as to a hare brighter central region but not sure. Looked pretty uniformly lit.
NGC 4540	10:44 PM	13mm – A very small, <u>very faint</u> fat oval. Has bit brighter field star on right hand side of center of uniformly lit glow. Don't think it's the core because it is offset from center of glow.
NGC 4516	10:47 PM	13mm – A very small, <u>extremely faint</u> oval, 2:1, uniformly lit.
NGC 4634	10:49 PM	13mm – A small, thin, 3:1, uniformly lit, <u>extremely faint</u> ghostly glow.
NGC 4659	10:50 PM	13mm – A very small, <u>very faint</u> oval with hare brighter core area. To upper left of a brighter field star and near it.
NGC 4531	10:52 PM	13mm – A small fat oval. <u>Extremely faint</u> . Uniformly lit.
NGC 4479	10:55 PM	13mm – A very small, thin, 2:1 oval. <u>Extremely faint</u> , uniformly lit ghostly glow.
NGC 4506	10:58 PM	13mm – A very small, <u>extremely faint</u> oval uniformly lit ghostly glow. Saw it once.
NGC 4551 NGC 4550	11:00 PM	13mm – A very small, <u>very faint</u> thin oval with larger, hare brighter core. Below it and to right and perpendicular to it is N4550, a similar looking galaxy.
NGC 4638	11:04 PM	13mm – A small, thin, 3:1 dim glow with linear, brighter core down center with small, bright core at center of that.
NGC 4694	11:06 PM	13mm – A small, thin, 2:1 linear, <u>very faint</u> glow. Has larger, hare brighter central core area.
NGC 4733	11:08 PM	13mm – A small, round, <u>very faint</u> , uniformly lit glow.
NGC 4503	11:10 PM	13mm – A small, fat oval. 2:1. Has larger brighter core that dims slowly to edge of very faint halo glow.
NGC 4368	11:15 PM	13mm – A very small oval, uniformly lit smudge of light. Seen once.

NGC 4390	11:17 PM	13mm – A very small roundish ghostly glow. Barely there. Uniformly lit.
NGC 4417	11:18 PM	13mm – A small, thin, 2:1 dim oval. Has linear, brighter core down center and small bit brighter core in center of this.
NGC 4469	11:21 PM	13mm – A medium sized cigar shaped fat oval. 4:1. Uniformly lit dim glow.
NGC 4578	11:23 PM	13mm – A very small, roundish faint glow. Has larger, bit brighter core area with hare brighter central core.
NGC 4779	11:25 PM	13mm – A small, <u>extremely faint</u> , uniformly lit roundish ghostly glow. Almost not there.

Seeing and Transparency OK. Sky looks good but not very transparent anymore. Last galaxy was magnitude 12.2.

NGC 4795	11:28 PM	13mm – A very small, very faint oval. Has bit brighter small core.
NGC 4598	11:30 PM	13mm – A tiny thin oval. <u>Extremely faint</u> ghostly glow. Move FOV up and down and my eye follows this glow. Barely there. Magnitude 12.6.
NGC 4488	11:32 PM	13mm – A very small, thin, 2:1 oval, <u>extremely faint</u> , uniformly lit.
NGC 4464	11:34 PM	13mm – A tiny oval, <u>very faint</u> , uniformly lit glow. Looks like an out of focus star it's so small. But star nearby to this galaxy doesn't look like that.
NGC 4492	11:38 PM	13mm – A very small, roundish, <u>extremely faint</u> , uniformly lit glow. Almost missed it because it was near a dim field star.
NGC 4415	11:40 PM	13mm – A very small, <u>extremely faint</u> roundish uniformly lit smudge of light. Barely there. Magnitude 12.9.
NGC 4434	11:42 PM	13mm – A very small, round, <u>very faint</u> glow with bit brighter small core.

NGC 4370 11:43 PM 13mm – A very small, extremely faint, uniformly lit oval, 2:1 glow.

NGC 4623 11:45 PM 13mm – A very small, extremely faint, 2:1 thin oval, uniformly lit ghostly glow.

Jupiter was awesome. Focus was good when I looked at it so it was good on the galaxies all night.

Got my first view of M13 for the season. Was good but showed the OK seeing and transparency I recorded most of the night.

It was good to get out and observe. Had not been out since the McDonald Observatory trip in mid-March.