

Sunday October 11, 2015

Went to LTO to use the 24". My 17mm EP yields 143x, the 13mm yields 195x and the 9mm yields 270x.

There was a wave cloud from the SW to NE and covered much of the sky at sunset. Finally started to clear about 7:30 PM from the NW and the sky was completely clear by 8:30 PM.

Seeing is OK and Transparency is OK along horizon.

NGC 6104 8:11 PM 195x – An extremely faint, small, 1:1.5, uniformly lit oval.

NGC 6129 8:15 PM 195x – A very faint, small, roundish glow with a hint of a tiny star core.

NGC 6064 8:18 PM 195x – A small, round, dim, uniformly lit glow.

NGC 6046 8:21 PM 195x – A very small, extremely faint, roundish smudge of light.

NGC 6847 8:25 PM 195x – A linear asterism of 5 stars.

NGC 6728 8:27 PM 195x – To right of brighter field star is an oval shaped group of approx. 30 stars of 3 magnitudes. About 1/3 FOV long and is 3:1 shaped. Surprised this is not an open cluster with its own designation.

NGC 6828 8:30 PM 195x – This is a small, dim halo glow around a bright field star.

Clearing nicely. 73 degrees. Light breeze from NW. Seeing and Transparency OK.

NGC 7065 8:35 PM 195x – A small, 2:1, dim glow with brighter core. To left
NGC 7065A and near is a tiny, round, very dim glow of 7065A. It has a tiny, hare brighter core.

UGC 11466 8:55 PM 195x – A small, oval, 2:1 glow. Dim. Has a brighter, larger core.

NGC 7364 9:01 PM 195x – A small, 2:1 oval, uniformly lit, very dim.

NGC 7393 9:03 PM 195x – A small, very faint, uniformly lit glow. Maybe 3:1.

NGC 7416 9:06 PM 195x – A small, thin oval. 3:1. Very faint. Has larger, hare brighter core area.

NGC 7592 9:08 PM 195x – A tiny, very faint, uniformly lit, 2:1 oval glow. Almost ghostly to start then easier to see with AV as I stared at it.

NGC 7724 9:11 PM 195x – A ghostly oval, uniformly lit glow. Barely there. Just above sky glow in brightness.

71 degrees. Seeing and Transparency OK.

NGC 7444 9:18 PM 195x – N7450 is below and to left and near. A small round glow with brighter, small core. N7443 and 7444 are similar. Very dim, thin, 2:1 uniformly lit glows, one over the other and above N7450. These two are very near each other but not touching. N7443 is top galaxy.

NGC 7378 9:22 PM 195x – An extremely faint, seen once in a while, uniformly lit oval. 2:1. Seen with AV.

NGC 7300 9:25 PM 195x – A nice lens shape. 3:1. Has tapered arms and maybe a hare brighter, larger core.

NGC 7298 9:30 PM 195x – Below and to left and near N7300 is this small, ghostly smudge of light. Maybe 2:1 oval shaped.

NGC 7725 9:34 PM 195x – An extremely faint fat oval, 2:1, uniformly lit glow. Barely there.

NGC 7694 9:41 PM 195x – An extremely faint, tiny, thin oval. 1:0.5. Uniformly lit, ghostly glow. Used hood to see it with AV.

NGC 7506 9:44 PM 195x – A small, roundish, very dim glow. Has brighter, tiny core.

NGC 7556 9:47 PM 195x – 2 long, thin galaxies touching each other, end to end. N7556 on left. Both very dim, thin needles with brighter star cores in center of glow. N7566 on right and just a bit below. It's smaller than N7556 by about half. This is neat. See 2 cores easily, then halo tapering off left and right. Very faint halo.

NGC 7458 9:54 PM 195x – A small, very dim, roundish glow. Has larger core that brightens a bit to center.

Moved to Geo Satellites on display. Watched 3 of them drift from right to left across FOV while the stars were stationary. Very cool. First time I have ever seen these. They were bright as compared to stars.

- NGC 7750 9:59 PM 195x – A small, 3:2 oval. Very faint. Uniformly lit.
- NGC 7751 10:02 PM 195x – A very small, extremely faint, uniformly lit, oval to roundish glow. Hard to see it's true shape. Looked more 2:1 oval than round.
- NGC 7634 10:05 PM 195x – A small, round, dim glow. Has brighter star core in center. Then below and touching halo glow at 6:30 o'clock is a field star of similar brightness as core.

- NGC 7648 10:09 PM 195x – A long, thin, small, very faint galaxy. See center here brighter than rest. 3:1 long.

Seeing and Transparency Good higher out of south. Stars steady. Milky Way obvious and defined. 70 degrees.

- NGC 7515 10:15 PM 195x – A small, very faint fat oval. Almost round. Has larger, here brighter core around very faint halo.

- NGC 7550 10:19 PM 195x – N7550 is bottom one. A tiny, round or fat oval.
- NGC 7559 Very dim. Has brighter, larger core. Above and to right and
- NGC 7563 10:19 PM 195x – (all in same FOV) is N7559, a medium sized, fat, uniformly lit, very faint oval. Then above and to right and very near is N7563, an extremely faint, roundish, tiny smudge of light.

- NGC 7468 10:24 PM 195x – A tiny, very dim oval. Has brighter core area. My eye sees larger core but since it's so tiny, not sure.

- NGC 7578 10:27 PM 195x – A small, thin edge on. Has field star on glow a bit right of center. Then maybe a larger core in center just to left of field star. Core much dimmer than field star.

- NGC 7316 10:30 PM 195x – A small, round, very dim glow. Above, near and to left of a bright field star. Has here brighter core area.

- NGC 7275 10:34 PM 195x – A tiny, very dim oval with larger, brighter core area.

- NGC 7673 10:37 PM 195x – A very small, dim, round glow with here brighter core area.

- NGC 7677 10:41 PM On opposite side of bright field star and below field star with respect to N7673 is N7677, a tiny, round, extremely faint, uniformly lit glow.
- NGC 7772 10:44 PM 195x – 7 dim stars form (and fill in) a small arrow head that points up.
- NGC 26 10:46 PM 195x – A small, brighter thin oval with brighter, larger core and tapered arms off 2-8 o'clock. To left and near and bit below core is a bit dimmer field star which give this a weird look.

Seeing and Transparency Good.

- NGC 2 10:50 PM 195x – A very small, dim, round glow with star core.
- NGC 7839 10:50 PM 195x – Above and to left and near N2 is N7839, 2 stars close to each other on a line 10-4 o'clock.
- NGC 7631 10:53 PM 195x – A long, thin, extremely faint, uniformly lit glow. To right and in same FOV is N7626, a small, round, dim, uniformly lit glow.
- NGC 7626 10:53 PM 195x – A long, thin, extremely faint, uniformly lit glow. To right and in same FOV is N7631, a small, round, dim, uniformly lit glow.
- IC 5283 10:56 PM 195x – A very small, dim edge on. A larger, bright core and 2 tiny, short arms off 2 and 8 o'clock. Very nice. Most of what is seen is core but those stubby arms are easy to see.
- NGC 5323 11:01 PM 195x – A small, dim, thin oval with larger, hare brighter core area.
- NGC 552 11:07 PM 195x – 2 very faint stars, close together on a line 9:30 – 3:30 o'clock.
- NGC 553 11:07 PM 195x – 2 very faint stars, close together on a line 9:30 – 3:30 o'clock.
- NGC 845 11:11 PM 195x – A very faint edge on. Larger central area with bright core. Extremely faint short arms off core, 1-7 o'clock.
- NGC 1088 11:22 PM 195x – A ghostly glow. A hint of a small, oval glow. Seen where galaxy should be. This is mag 14.5 so I am sure I got a glimpse of it with hood, all lights off in dome and using AV.

11:36 PM. 68 degrees. Had a great night. Need to get to work in the morning so packing up. ☺