

Wednesday May 28, 2014

Went to Little Thompson Observatory a second night to use their 24" Newtonian. Used the 13mm eyepiece (281x) with the Galaxy Contrast Enhancement filter.

Sunset is at 8:10 PM. Clear, Calm, 86 degrees.

Jupiter nice.

NGC 3822 9:38 PM 13mm – A small, very faint, fat oval, uniformly lit glow.

NGC 2983 9:43 PM 13mm – A very small, very faint oval with hint of a hare brighter, small core.

NGC 2918 9:46 PM 13mm – A very small, round, extremely faint glow. With AV see a tiny hare brighter core.

73 degrees. Sky good. Transparency good.

NGC 2770 9:52 PM 13mm – An extremely faint ghostly hint of a uniformly lit, small oval glow. Thought I saw it a couple of times as it popped in and out. Looked again and saw it.

NGC 2778 9:56 PM 13mm – A very small, very faint oval glow. Maybe hint of a hare brighter core.

NGC 3021 9:59 PM 13mm – Nice. A very dim, tilted oval. Medium sized. With AV see its larger and has a faint bar in center with tiny, hare brighter core in the center of this.

NGC 2955 10:02 PM 13mm – A small, lenticular shaped, uniformly lit, extremely faint glow.

NGC 2844 10:05 PM 13mm – A very small, round, extremely faint glow with hare brighter tiny core that pops into view once in a while.

NGC 2998 10:08 PM 13mm – An extremely faint, oval, small, uniformly lit smudge of light.

NGC 2684 10:11 PM 13mm – A small, round to very fat oval, extremely faint, uniformly lit smudge of light.

NGC 2701 10:13 PM 13mm – A small, round, very faint, uniformly lit glow. Has brighter field star at edge of glow at 2 o'clock wrt to center of glow.

NGC 2552 10:16 PM 13mm – A very small, round, extremely faint smudge of light.

NGC 2469 10:18 PM 13mm – A small, long, thin oval. Extremely faint. Uniformly lit glow.

NGC 2726 10:20 PM 13mm – A small tilted oval. Very faint. Uniformly lit.

Couldn't find galaxies in Corvus or southern Virgo. Sky soft here. Going back to Ursa Major where sky is better.

NGC 3182 10:37 PM 13mm – A medium sized tilted oval, very faint. Has larger, hare brighter core which is uniformly lit.

NGC 3206 10:40 PM 13mm – WOW! This one is faint. Stared at it and saw it pop in and out. A small, round, extremely faint, uniformly lit glow.

NGC 3353 10:43 PM 13mm – A very small, faint, round, easy to see glow. Has large, brighter core that dims slowly to halo glow. Looks like an out of focus star or a planetary nebula.

NGC 3458 10:46 PM 13mm – A small, dim tilted oval. Has bright, small core and hare dimmer glow around this and faint halo extending off 11 to 5 o'clock.

NGC 3471 10:49 PM 13mm – A faint, small tilted oval. Pretty uniformly lit. Maybe hint of a linear, hare brighter core in center of halo glow.

NGC 3320 10:53 PM 13mm – A small, very faint glow. Can't tell if a long, thin edge on with larger central bulge or a tilted oval. Seen with AV. Has dim field star on right hand side edge of glow. Uniformly lit.

NGC 3478 10:57 PM 13mm – A medium sized, long, thin cigar shape. Extremely faint, uniformly lit, smudge of light.

NGC 3614 11:00 PM 13mm – A small, round, fat oval, extremely faint, uniformly lit, smudge of light,

NGC 3595 11:02 PM 13mm – A very small, faint, edge on with small, brighter core. Easy to see yet so faint. To the lower right and near a brighter field star.

70 degrees. Sky good. Transparency good here in Ursa Major, high in then NW.

NGC 3657	11:07 PM	13mm – A very small, faint, tilted oval. Has brighter, small core in center of a fainter halo.
NGC 3549	11:09 PM	13mm – A <u>very</u> faint, long, medium sized tilted oval. Uniformly lit. Nice.
NGC 3674	11:16 PM	13mm – A very small, dim, thin, tilted oval with brighter, larger core.
NGC 3804	11:19 PM	13mm – A small, <u>extremely faint</u> oval with brighter field star on glow to right of center of a long, thin oval glow.
NGC 3780	11:22 PM	13mm – A larger, long, <u>very</u> faint, tilted oval. Can see large part of center uniformly lit and have brighter than surrounding uniformly lit halo glow. Nice.
NGC 3838	11:25 PM	13mm – A very small, thin, tilted oval. Dim. Has a brighter linear core. Can tell core is not uniform bright but has 2 brighter areas on left hand side of linear glow. Seen with AV and staring at it for a bit.
NGC 3757	11:29 PM	13mm – A very small, faint, round glow with brighter, small core. A field star of same brightness as core is to lower left at 8 o'clock and near.
NGC 3958 NGC 3963	11:32 PM	13mm – A very small, fat oval, <u>very</u> faint, uniformly lit glow. In same FOV and to upper right is N3963, a <u>very</u> faint, larger, roundish glow. Can see mottling on glow and hint of 1 CCW arm off bottom. Maybe a couple of extremely faint field stars on lower part of glow.
NGC 3770	11:36 PM	13mm – A small, round or lenticular faint glow. Has larger, brighter core that dims slowly from center.
NGC 3796	11:39 PM	13mm – A very small, very dim oval to round glow. Has brighter, small core in center.

68 degrees. Sky and Transparency good.

NGC 3762	11:42 PM	13mm – A small, thin tilted oval. Dim. With larger, brighter core.
NGC 4500	11:45 PM	13mm – A very small, thin edge on. Very dim. Has tiny bright core and dimmer core around this. Very near and to upper right of a brighter field star. Nice. Very faint arms extend up and down off core.

NGC 4161	11:48 PM	13mm – A small, <u>very</u> faint tilted oval glow. Seen once in a while a star at center, maybe core, otherwise uniformly lit.
NGC 3990 NGC 3977 NGC 3972	11:52 PM	13mm – A small, tilted oval with large, bright core and a tiny bit of extremely faint halo around this. Then near and below and to right is N3972, a very small, thin oval with small, brighter core. In between these two and a bit above a line between them is this tiny, <u>extremely faint</u> glow with a star like core of N3977. Almost not there.
NGC 3921	12:03 AM	13mm – A <u>very</u> dim, very small fat oval glow. Has small, hare brighter core.
NGC 4384	12:06 AM	13mm – A small, <u>extremely faint</u> long fat oval. Has linear hare brighter core in center of halo and at center of bar is a brighter small core.
NGC 5653	12:12 AM	13mm – A small dim oval to almost round glow. In center is a small, brighter core that dims slowly into halo.
NGC 5672	12:15 AM	13mm – A very small, <u>extremely faint</u> oval smudge of light.
NGC 5798	12:17 AM	13mm – A small, <u>very</u> faint round glow. The glow is subtly mottled, very obvious. Otherwise pretty uniformly lit.
NGC 5608	12L20 AM	13mm – A very small, thin oval ghostly smudge of light.

Saturn awesome. Galaxies in south still not there. Tried for 1 in Libra. M5 Awesome. M13 the eyepiece is not reachable safely.

Great night. 66 degrees.