

Sunday June 29, 2014

Used LTO's 24" Newtonian, with a 13mm eyepiece (281x) with no filter tonight.

Arrived after sunset. Broken clouds in west, NW and north. Quickly setup the 24" and got the dreaded COMM error. I brought my 8" to look at asterisms, so with the clouds and 24" telescope not behaving, I looked at 10 asterisms with it.

After looking 10 asterisms, the clouds started to thin out and disappear. I re-initialized the 24" and it worked great the rest of the night.

74 degrees. Sky good. Transparency good. Clear. Calm.

NGC 5845	11:42 PM	13mm – Small, round, dim glow with larger, hare brighter core.
NGC 5869	11:44 PM	13mm – A smaller, round, dim glow with larger, brighter core.
NGC 5937	11:46 PM	13mm – A small, <u>very</u> faint round glow. Hint of a hare brighter core. Seen with AV.
NGC 5990	11:48 PM	13mm – A small, fat oval, <u>very</u> dim. Has star like bright core seen in center once in a while.
NGC 6010	11:50 PM	13mm – A nice, medium sized, edge on. Dim, with <u>very</u> faint tapered arms. Larger, long core and then brightens to a bright star core center.
NGC 5936	11:53 PM	13mm – A small, fat oval, uniformly lit, extremely faint.
NGC 5951	11:54 PM	13mm – A small, longer, cigar shaped, extremely faint, ghostly glow seen with AV.
NGC 5980	11:57 PM	13mm – A medium sized, very faint, longer, thin oval. Hint of maybe a hare brighter core.
NGC 5962	11:59 PM	13mm – A small, dim, fat oval that brightens slowly to a small, brighter core area.
NGC 5859 NGC 5857	12:02 AM	13mm – A long, thin, small edge on. <u>Very</u> dim. Has hint of a hare brighter, larger core. Then very near and above is N5857, a small, fat oval with brighter, tiny core seen once in a while.

NGC 6500	12:07 AM	13mm – N6500 is a very small oval with bright, tiny core.
NGC 6501		Above and near and to left is N6501, a tiny oval with star like, tiny bright core. A very bright field star is near and to left of these two.

Seeing OK. Transparency OK in north. 73 degrees.

NGC 5832	12:21 AM	13mm – A larger, fat oval, <u>extremely faint</u> , ghostly uniformly lit smudge of light.
NGC 5144	12:24 AM	13mm – A small, <u>extremely faint</u> , oval, uniformly lit glow.
NGC 6068	12:27 AM	13mm – A small, fat oval, <u>extremely faint</u> , uniformly lit glow. Hint of a hare brighter core.
NGC 6324	12:30 AM	13mm – A small oval, <u>extremely faint</u> glow with hint of a bit larger, hare brighter core seen once in a while.

Seeing Good. Transparency Good in NW sky.

NGC 5797	12:37 AM	13mm – N5797 us a very small oval, dim, with larger brighter core. Below and to left and a bit away is N5804, a very small, <u>very</u> dim edge on with hare brighter, small core. Then above and 2 right and near is N5794, a tiny, dim oval with star like bright core. All 3 to left of a bright field star.
NGC 5804		
NGC 5794		
NGC 5875	12:41 AM	13mm – a medium sized, long, thin, tilted oval. Very dim. Uniformly lit.
NGC 5908	12:44 AM	13mm – A medium sized, dim, long thin tilted oval with larger, linear, brighter core seen once in a while.
NGC 5905	12:46 AM	13mm – A small, <u>very</u> faint oval with larger, brighter core that is easy to see beings is it so faint.
NGC 5987	12:48 AM	13mm – A small, dim, tilted oval that brightens slowly to a larger, bright core.
NGC 5989	12:50 AM	13mm – A small, linear, thin, uniformly lit, <u>extremely faint</u> smudge of light, ghostly glow.
NGC 5894	12:52 AM	13mm – A small, <u>very</u> faint edge on. Hint of a brighter core.

NGC 5667	12:55 AM	13mm – A small, tilted oval with hint of a small, hare brighter core.
NGC 5389	12:57 AM	13mm – A small, dim, tilted oval with large brighter core.
NGC 5372	12:59 AM	13mm – A very small, very dim oval glow with hare brighter core seen.
NGC 5475	1:01 AM	13mm – A small dim edge on. Central bulge is uniformly lit and much brighter than tapered arms.
NGC 5949	1:03 AM	13mm – A medium sized, long, thin cigar shaped glow. Has a long, linear, brighter, mottled core seen once in a while.
NGC 6140	1:05 AM	13mm – A small oval, <u>extremely faint</u> , uniformly lit smudge of light.
NGC 6283	1:08 AM	13mm – A very small, very dim, uniformly lit glow.
NGC 6555	1:10 AM	13mm – A medium sized oval, uniformly lit, <u>very</u> dim glow.
NGC 5984	1:13 AM	13mm – A small, <u>extremely faint</u> fat oval, uniformly lit glow.
NGC 7223	1:16 AM	13mm – A medium sized, <u>extremely faint</u> round, uniformly lit glow. Near a dim field star that makes it hard to see galaxy.
NGC 7250	1:18 AM	13mm – A small, very faint linear uniformly lit glow. To upper right of a dim field star.
NGC 7426	1:20 AM	13mm – A small, very dim oval, uniformly lit glow. To upper right and near a bright field star which makes it hard to see.

Great night. Thought 24" was going to have COMM issues so did asterisms and when I came back and reinitialized scope, it worked great.

72 degrees and cool breeze from NW.