

Monday, May 14, 2012

Arrived at the Keota, CO site about 4 PM. John Figorski showed up about an hour later.

Very light haze in SW. Calm and 69 degrees at sunset..

Mars is nice. Used 13mm and can see tiny polar cap to lower left and see some darker surface markings on small disc.

Venus is a large, small crescent in 15mm.




Saturn incredible. Sharp. Lots of tiny dots of moons all around it.

Sky is Good. Transparency is Good.

SN2012aw	9:20 PM	15mm – A very faint star near fuzzy core of M95. See arc of 4 stars and this SN off by itself and below core.
IC 2627	9:26 PM	13mm – An extremely faint oval smudge of light. Fairly large and linear.
NGC 4038/39	10:00 PM	15mm – Nice.
PGC 37906 (ESO 505-3)	10:11 PM	15mm – Nice. Longer slender <u>very</u> faint linear glow. PA 4 o'clock.
UGC 5459	10:19 PM	15mm – A small, <u>very</u> faint glow between 2 brighter field stars. PA 5 o'clock.
PGC 40566 (IC 3322A)	10:32 PM	15mm – A small, long thin uniformly lit sliver of light. Seen w/AV. Comes and goes in FOV. PA 0 degrees. Nice.
PGC 42264 (IC 3608)	10:41 PM	15mm – A very small, thin, linear glow. Very faint. PA 3:30 o'clock.
IC 4351	10:47 PM	15mm – Larger, thin, longer, <u>extremely</u> dim uniformly lit glow. PA 3:30 o'clock.
M68	10:55 PM	15mm – Nice.
MGC 4-30-14	10:55 PM	15mm – Above and to the left a bit of M68 is this galaxy. A long, approx $\frac{3}{4}$ FOV long. Thin, <u>very</u> faint uniformly lit glow. PA 0 degrees.

NGC 5022 11:04 PM 15mm – A tiny, vertical in FOV, very tiny sliver of light.
NGC 5018 Easy to see. PA 0 degrees. To right and near is 5018, a tilted oval w/larger, bright core and dim halo around it.

5022 - |  - 5018

PGC 45911 11:07 PM 15mm – A very faint, linear, longer glow. PA 2 o'clock.
(ESO 576-11)

Seeing Good. Transparency Good. Stars pin points in FOV.

MGC 3-33-38 11:11 PM 15mm – 2 very faint, larger, longer glows in FOV very near
MGC 3-33-28 each other and almost parallel. Bottom glow (-38) is longer and is almost 1 FOV long than the upper glow (-28) which has a field star on lhs of glow and is approx 2/3 FOV long. PA 3:30 o'clock.



NGC 5170 11:17 PM 15mm – Nice edge on. Needle thin. Has longer faint arms that extend from here brighter central bulge. PA 2 o'clock. Very nice.



37 degrees now. Sky Good and Transparency Good.

NGC 5073 11:25 PM 15mm – A small, thin, uniformly lit linear glow. PA 1 o'clock.

NGC 4703 11:27 PM 15mm – A small, thin, has here brighter, oval core and extremely faint short arms off each end of this core. PA 15 degrees.

MGC 1-33-71 11:31 PM 15mm – An extremely faint glow. Has bit fatter and here brighter core area and longer arms that are extremely faint. PA 4 o'clock.

M 1-33-60 11:35 PM 15mm – Easy to see larger core area. Has very faint short arms off each side. PA 3 o'clock. Has very bright field star 1/2 FOV to right. Have to put this field star out of FOV to view this galaxy.

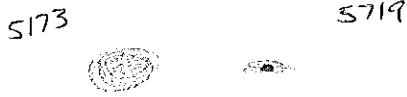
- UGC 8067 11:40 PM 15mm – An extremely dim, small, uniformly lit linear glow. PA 2:30 o'clock.
- NGC 5496 11:44 PM 15mm – A long, ½ FOV long fatter uniformly lit glow. Has faint field star on lower part of glow. PA 5 o'clock.
- MGC 3-38-8 11:52 PM 15mm – An extremely long, ghostly glow. Almost not there. PA 3:30 o'clock.

38 degrees. Sky good. Transparency good.

- UGC 9249 12:12 AM 15mm – An extremely faint ghostly sliver of light. Small. Thin. PA 3:30 o'clock.
- UGC 9169 12:15 AM 15mm – A larger, extremely faint linear glow. Moving FOV up and down draws my eye to it. PA 3 o'clock.
- UGC 10288 12:21 AM 15mm – An extremely faint, thin, longer sliver of light. PA 1 o'clock.
- UGC 7125 12:33 AM 15mm – An extremely faint glow. See it has larger core area and short arms. PA 1 o'clock.
- UGC 7774 12:36 AM 15mm – A ghostly linear glow. Small. Has faint field star on glow. PA 4:30 o'clock.
- NGC 5740 12:40 AM 15mm – A dim oval with hare brighter core. Medium sized.
- NGC 5792 12:42 AM 15mm – A dim, round glow with something a have brighter near core area. Might be a faint field stars on halo glow. Galaxy is to right and very near a brighter field star.
- NGC 5814 12:45 AM 15mm – A small round dim glow with larger brighter core and then at center is a star like core. 5813 is above and to right. It is a smaller round glow with hare brighter core. Very near this and above and to right is a tiny smudge of light if P1205049. Then above these 2 and to right is another tiny smudge of light of 5811.



NGC 5719 12:50 AM 15mm – A larger, round, uniformly lit glow. To right is
 NGC 5713 5713, a small linear glow with hint of hare brighter core.



NGC 4656 12:55 AM 15mm – A larger, longer dim galaxy with hare brighter
 core. Then on lhs arm, there is a short band with hare
 brighter area on glow. In looking at a picture of this galaxy,
 this is a hook and the hare brighter glow is a star forming
 region in this part of the galaxy.



NGC 4631 12:58 AM 15mm – A larger long (1/2 FOV long) uniformly lit easy to
 NGC 4627 see glow. Field star to left and above center. Then above
 field star and to left is this tiny dim found uniformly lit
 glow of 4627.



NGC 4395 1:01 AM 15mm – An extremely faint, larger, long uniformly lit
 glow.

NGC 4214 1:03 AM 15mm – A medium sized tilted oval. Easy to see. Has large
 core area and dim surrounding halo. Looks like maybe
 tapered arms off bottom right side but not upper left.

NGC 4244 1:06 AM 15mm – A medium sized brighter tilted oval with larger
 core area and dim halo extending out a bit from 10-4
 o'clock.

NGC 4861 1:10 AM 15mm – An extremely faint round small smudge of light.

NGC 5033 1:12 AM 15mm – A tilted oval with larger core area that is bright
 and lots of dim halo from 10-4 o'clock surrounding core
 and extends out a ways and slowly disappears. Nice.

NGC 5005 1:15 AM 15mm – A smaller tilted oval. Thinner. Has large bright
 core area surrounded by dim halo. Goes from 1-7 o'clock.

NGC 4143	1:18 AM	15mm – A small, tilted oval (10-4 o'clock). A large bright core surrounded by a bit of much dimmer halo.
NGC 4111	1:20 AM	15mm – A small edge on with brighter core that bulges and short tapered arms. I thought I saw a bisecting dust lane now and then.
NGC 4449 UGCA 276	1:24 AM	15mm – A long thin oval glow. Most of what is seen is core. This is surrounded by a tiny bit of halo. Then almost touching it at 7 o'clock is this tiny, oval uniformly lit glow of UGCA 276.

Then I just swung the scope around to look at favorites. M106, 94, 63, 51, 101, 13, 57. M51 had nice spiral arms. Very easy to see which showed the seeing and transparency was still good at this late hour.

33 degrees.

NGC 188	1:51 AM	15mm – Nice open cluster. Large, Round. Fills FOV. Lots of stars (50+) of many magnitudes.
NGC 6543	1:55 AM	15mm – Nice. See central star and oval planetary nebula shape.

Looked at Alberio and M4.

2:05 AM. Packed up scope for night. A Great night. 34 degrees. Time for bed. I slept in the back of the van on the prairie.

The Sky Commander worked great all night. Either put galaxy in FOV or it was just off the edge. I realized MGC galaxies are dim and large. They show up as a contrast in FOV different from background. Spent 20 minutes looking in John's telescope before bed. Left him sleeping in his car in the morning when I pulled out about 6:45 AM.

Need to read my Lumicon filter slide to optical train, take off the 2 inch extension pieces on truss tubes and run autocal program on drive. Adjustment I recently made doing the manual method improved some parts and made other parts worse.

