

Friday, March 16, 2007

Arrived at Crow Valley Campground for a weekend of observing.

Was cloudy till about 11 PM. Sky is fairly clear, especially to the south. Seeing is OK. Temperature is 45 degrees.

M104	11:37 PM	19mm - Nice and bright. Halo glow extends alot.
NGC 4939	11:53 PM	19mm - Very dim. Hard to see with DV. With AV, can see large dim oval glow with larger, hare brighter central region that gets even brighter in center.
NGC 4742	12:03 AM	19mm - Small, round glow with very bright stellar core. Seen with DV. Very bright field star just below it and to left. Lots of other galaxies seen in this area. Nice.
NGC 4487	12:09 AM	19mm - Larger, very dim glow. Fat oval in shape. Uniform brightness. Has 2 faint field stars at out edge of glow at 6 and 4 o'clock side. These stars are well away from halo glow though.
NGC 4928	12:18 AM	19mm - Small, linear yet very bright. Easy to see with DV. See very bright core that dims slowly into short, extended arms on each side. Nice central bulge seen. Situated 11 to 5 o'clock in eyepiece.
NGC 4981	12:31 AM	19mm - Small, dim oval glow. Pretty uniformly lit. Maybe hint of hare brighter core. Bright field star sits at top of glow. AV used to see this one.
NGC 4941	12:35 AM	19mm - Nice tilted oval. Hare brighter central region surrounded by a dim halo. Easy to see with DV. Did I say this was nice!!!
NGC 4915	12:40 AM	19mm - Round and small with brighter central region and a hint of a tiny bit of halo surrounding it. To the left and in same FOV is NHC 4890.
NGC 4890	12:40 AM	19mm - To left of NGC 4915 and in same FOV. A <u>very</u> dim, oval smudge of light. Can see it with DV but best seen with AV.
NGC 4691	12:47 AM	19mm - Nice and bright. Easy to see with DV. A thin longer oval shape. Pretty uniformly lit. Maybe hint of a bit brighter core. Nice. Stands right out in FOV.

NGC 4904 12:53 AM 19mm - Small, round dim uniformly lit glow.

Sky is good now. Light breeze from NW. Stars steady. Transparency OK. Stars a bit fat yet. Temperature is 40 degrees.

NGC 4999 12:59 AM 19mm - Larger, very dim round glow with hare brighter central region seen. Best seen with AV. To the left is NGC 4996 and approx 1 FOV away.

NGC 4996 12:59 AM 19mm - To the left of NGC 4999 and approx 1 FOV away is this extremely dim, hint of an oval glow of light. Very dim. See it with AV and when you wiggle the scope.

M68 1:07 AM 19mm. - Nice galaxy.

M83 1:07 AM 19mm - Nice, large tilted oval with small, circular bright core and lots of extended halo seen.

NGC 5061 1:13 AM 19mm - Small, oval or round glow with brighter central core. Easy to see with DV. To right and near it is a bright field star. Tiny brighter core seen in bright core which is surrounded by a bit dimmer halo.

NGC 5078 1:13 AM 19mm - 1 1/2 FOVs away and below NGC 5061 is a dimmer, linear glow with hare brighter core seen. A brighter field star is to right and much farther away from it than the field star near NGC 5061. This one is cigar shaped. Best seen with AV.

NGC 4586 1:28 AM 19mm - Nice, dim, elongated oval. Central area hare brighter. Pretty uniformly lit. Best seen with AV, but can see it with DV. Very bright field star above it and to left in same FOV.

4073
/ 4045
NGC 4073 1:37 AM 19mm - Linear, dim glow. See with DV but see a brighter core area with AV and dim halo surrounding it. Slanted from 10 to 4 o'clock in FOV. In same FOV as NGC 4045.

NGC 4045 1:37 AM 19mm - In same FOV as NGC 4073 and to its right. Dimmer. Linear, uniformly lit glow. Situated from 1 to 7 o'clock in FOV. Both stand out in FOV nicely.

M61 1:46 AM 19mm - Nice, large round glow with tiny bright core.

NGC 4339	1:46 AM	19mm - Bright, easy to see with DV. Round glow with brighter core and stellar nucleus seen in center of core glow. Hint of halo seen around central core glow.
NGC 4333	1:46 AM	19mm - Above NGC 4339 is this tiny, dim round glow with very dim stellar core seen with AV.
NGC 4260	1:50 AM	19mm - Small and round. Bright. Easy to see with AV. Brighter central core seen with hint of dim halo surrounding it. In same FOV as NGC 4261 and NGC 4264.
NGC 4261	1:50 AM	19mm - In same FOV as NGC 4260 and NGC 4264 this small, very dim round glow with tiny stellar core. Just below NGC 4260.
NGC 4264	1:50 AM	19mm - In same FOV as NGC 4260 and NGC 4261 and to the left of these is this linear, cigar shaped galaxy. Pretty uniformly lit with hint of hare brighter core.
NGC 4343	2:00 AM	19mm - Elongated oval with small, bright central region seen with halo around it that tapers off the top and bottom of this galaxy a bit.
NGC 4241	2:06 AM	19mm - Very dim, oval glow with hint of a hare brighter core. Bright field star is near it and above to the right.
NGC 4235	2:10 AM	19mm - Can put NGC 4235, 4233 and 4224 in same FOV and all stand out with DV. All 3 approx same brightness. This is a dim, cigar shaped galaxy with hint of a brighter core.
NGC 4233	2:10 AM	19mm - Can put NGC 4235, 4233 and 4224 in same FOV and all stand out with DV. All 3 approx same brightness. This is below NGC 4224 and is a round, halo glow with brighter core that brightens to a tiny stellar core.
NGC 4224	2:10 AM	19mm - Can put NGC 4235, 4233 and 4224 in same FOV and all stand out with DV. All 3 approx same brightness. This is to the left of NGC 4235 and is the dimmest of the 3. Cigar shaped and pretty uniformly lit.
M49	2:22 AM	19mm - Nice, round halo glow with brighter core. Bright field star at 4 o'clock of it and on glow.
NGC 4470	2:22 AM	19mm - Just above M49 and to its right is this dim, round halo glow with tiny, brighter nucleus glow seen.

NGC 4519	2:22 AM	19mm - Large, roundish dim glow with mottling seen. Nice bright edge on. Brighter core and central bulge and tapers and dims slowly on each side into extended halo arms.
NGC 4612	2:32 AM	19mm - Small, dim round halo glow easily seen with DV. With AV, see tiny stellar core which now makes it look like an out of focus star. At top of a chain of 4 brighter blue white stars that forms a line.
NGC 4608	2:37 AM	19mm - Small, round glow with hare brighter core seen. See with DV. Most of what is seen in the brighter core. A very bright field star is just below. NGC 4608 and NGC 4596 are in same FOV.
NGC 4596	2:37 AM	19mm - In same FOV as NGC 4608 and is just above it is this tilted oval with brighter core and a hint of bulge seen and tapers into a dim halo on each side.
M60	2:40 AM	19mm - Nice.
M59	2:40 AM	19mm - Nice.
M58	2:52 AM	19mm - Nice.
NGC 4639	2:52 AM	19mm - Larger oval and dim, yet easy to see with AV. Uniformly lit.
NGC 4654	2:52 AM	19mm - Above and to the left of NGC 4639 is a small, round dim glow with tiny brighter core. See this with DV.
M90	3:02 AM	19mm - Nice. Long linear glow with brighter central region.
M89	3:02 AM	19mm - Nice bright round glow with small, bright core.
NGC 4571	3:03 AM	19mm - <u>Very</u> dim, round smudge of light. Barely able to see it with AV. Bright blue white field star near it and at 8 o'clock side of glow.

NGC 4294	3:12 AM	19mm - Elongated cigar shaped small dim glow with hint of a hare brighter core. In same FOV as NGC 4299 and 4313. Can barely fit all 3 (NGC 4294, 4299 and 4313) in same FOV but they are all there at the very edge of the FOV.
NGC 4299	3:12 AM	19mm - Just below NGC 4294 and 1 FOV away from NGC 4313 is a smaller, dim, uniformly lit round glow. This is the dimmers of the 3 and is near NGC 4294. Can barely fit all 3 (NGC 4294, 4299 and 4313) in same FOV but they are all there at the very edge of the FOV.
NGC 4313	3:12 AM	19mm - This is almost 1 FOV to the left of NGC 4294 and 4299 is this longer, elongated cigar shaped glow with hare brighter core area in center of glow. Can barely fit all 3 (NGC 4294, 4299 and 4313) in same FOV but they are all there at the very edge of the FOV.
NGC 4267	3:17 AM	19mm - Easy to see with DV. Nice. Small, round halo glow with tiny round, much brighter core in center.
NGC 4124	3:24 AM	19mm - Elongated oval, cigar shaped. Easy to see and has hare brighter central region than the ends where the halo is best seen.
NGC 4168	3:33 AM	19mm - Small, round dim glow with hare brighter core seen. In same FOV as NGC 4189.
NGC 4189	3:33 AM	19mm - In same FOV and below NGC 4168 is a small, <u>very</u> dim uniformly lit glow of light. There is a faint field star to the right of this galaxy at 3 o'clock. NGC 4189 is the dimmest of the 3, the others being NGC 4168 and 4212.
NGC 4212	3:33 AM	19mm - Then to the lower left of NGC 4189 and approx 1 1/2 FOVs away is a uniformly lit, cigar shaped oval glow. Easy to see with DV.
M99	3:39 AM	19mm - Large, round uniformly lit glow.
NGC 4298	3:39 AM	19mm - Large, round, brighter uniformly lit glow. Easy to see with DV. A faint field star is just below it and at edge of glow. In same FOV and near NGC 4302. It doesn't touch but very near. Nice!!! I like this pair.

NGC 4302	3:39 AM	19mm - Just below NGC 4298 is a long, linear glow. It is uniformly lit and much dimmer than 4298. It doesn't touch but very near. Nice!!! I like this pair.
NGC 4237	3:46 AM	19mm - A small, round, dim, uniformly lit glow that is easy to see with DV. Very bright blue white field star to lower right and a bit away at 4 o'clock to it.
Sky softer now. Good wind blowing.		
NGC 4152	3:50 AM	19mm - Small, round, dim, uniformly lit glow seen with DV.
NGC 4379	3:56 AM	19mm - Small, round glow with tiny brighter core seen on center of glow. Easy to see with DV.
NGC 4312	3:56 AM	19mm - Small, cigar shaped oval with hint of a hare brighter core area.
M100	3:56 AM	19mm - In same FOV and to left of NGC 4312 is this <u>NICE</u> , large bright oval halo glow with small, round brighter core.
NGC 4340	4:30 AM	19mm - Nice. Tilted oval with nice bright tiny core surrounded by a bit of dimmer halo that tapers off to the ends at 8 and 2 o'clock.
NGC 4350	4:30 AM	19mm - Above NGC 4340 and near it is a bit dimmer, round glow with tiny stellar core seen.
M85	4:35 AM	19mm - Nice, Bright. Easy to see.
NGC 4394	4:35 AM	19mm - Just below M85 is this dim, round glow of halo with hare brighter nucleus and a tiny stellar core on that.
NGC 4336	4:36 AM	19mm - Small, very dim oval glow. Uniformly lit. Barely able to see it with DV, but with AV, it gives it the best view.

After a shaky cloudy start to the evening, this turned out to be a great night. Saw lots of galaxies and Saturn was awesome. There were some hazy clouds low in the western sky and the southern horizon was suspect. Jupiter was so washed out that you could not see any cloud bands on the surface.

Alberio is nice as was M13 and M57.