

Object	List	Date	Time	Seeing	Location	Equipment	Description
M 031 NGC 224	SP&C	10/24/06	20:30 MDT	Its 23 degrees now. Sky is still great. It's a perfect night.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	This is a great view, as always. Nice combination of the 3 showcase objects. One of my favorites.
M 032 NGC 221	C	10/24/06	20:35 MDT	Its 23 degrees now. Sky is still great. It's a perfect night.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	This is a great view, as always. Nice combination of the 3 showcase objects. One of my favorites.
M 049 NGC 4472	SP&C	03/17/07	2:22 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, round halo glow with brighter core. Bright field star at 4 o'clock of it and on glow.
M 051 NGC 5194	SP&C	04/21/06	01:00 MDT	Sky is steady. Seeing is Good. Transparency is Good.	Pawnee Grasslands. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice. Some spiral arm structure visible, but not as good as I have seen it before.
M 058 NGC 4579	C	03/17/07	2:52 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice.
M 059 NGC 4621	C	03/17/07	2:40 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Large tilted oval with nice bright, large core.
M 060 NGC 4649	C	03/17/07	2:40 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, round glow with large, bright nucleus.
M 061 NGC 4303	SP&C	03/17/07	1:46 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, large round glow with tiny bright core.
M 063 NGC 5055	C	06/29/08	23:00 MDT	Great seeing. Sky steady. Transparency good.	Raymer, CO. Moderately dark skies.	12.5" f/8 Newtonian	19mm - Large tilted oval. Dim halo glow with large, uniformly lit nucleus which is brighter than halo.
M 064 NGC 4826	SP&C	04/23/09	00:35 MDT	Seeing good. Transparency good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice. Tilted oval with very bright small core and circular (arc) dust lane seen on bottom left of brighter central core. Halo extends quite a bit from center. Nice
M 065 NGC 3623	SP&C	04/01/05	21:55 MDT	Seeing good, Sky steady. Very Clear.	Pawnee Grasslands. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - One large bright oval shaped and the other is much dimmer, slender edge on long sliver of light. Has a hint of a dust lane down the center of it. The nucleus is a hare brighter along the center axis. Its approx 1/3 FOV long. M66 is a nice oval, tilted galaxy with a bright nucleus glow in the center of the oval.
M 066 NGC 3627	SP&C	04/01/05	21:55 MDT	Seeing good, Sky steady. Very Clear.	Pawnee Grasslands. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - One large bright oval shaped and the other is much dimmer, slender edge on long sliver of light. Has a hint of a dust lane down the center of it. The nucleus is a hare brighter along the center axis. Its approx 1/3 FOV long. M66 is a nice oval, tilted galaxy with a bright nucleus glow in the center of the oval.

<b>M 079 NGC 1904</b>	C	12/28/08	21:27 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice. Bright. Easy to see lots of member stars.
<b>M 081 NGC 3031</b>	SP&C	02/08/08	20:47 MST	Wind from north. Sky soft low in south.	DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.	12.5" f/8 Newtonian	32mm - Oval, bright nucleus. Diffused halo. 19mm shows oval shaped, nucleus dominate over diffused halo. Fills FOV end-to-end at this power.
<b>M 082 NGC 3034</b>	SP&C	02/08/08	20:49 MST	Wind from north. Sky soft low in south.	DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.	12.5" f/8 Newtonian	32mm - Linear chaped (cigar) w/AV saw a dust lane going horizontally. At 19mm, could see 2 vertical dust lanes w/AV.
<b>M 083 NGC 5236</b>	SP&C	03/17/07	1:07 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, large tilted oval with small, circular bright core and lots of extended halo seen.
<b>M 084 NGC 4374</b>	SP&C	03/18/07	1:30 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - More oval shaped with nice bright core. In same FOV as M86.
<b>M 085 NGC 4382</b>	SP&C	03/17/07	4:35 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, Bright. Easy to see.
<b>M 086 NGC 4406</b>	SP&C	03/18/07	1:30 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, round, bright. Has nice large bright core. In same FOV as M84.
<b>M 087 NGC 4486</b>	SP&C	03/18/07	1:33 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, tilted oval halo glow with larger, brighter core.
<b>M 088 NGC 4501</b>	SP&C	03/18/07	1:40 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, large oval halo glow with nice, large, bright core.
<b>M 089 NGC 4552</b>	C	03/17/07	3:02 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice bright round glow with small, bright core.
<b>M 090 NGC 4569</b>	SP&C	03/17/07	3:02 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice. Long linear glow with brighter central region.
<b>M 091 NGC 4548</b>	C	03/18/07	1:40 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Small, round glow with tiny, bright core.
<b>M 094 NGC 4736</b>	C	04/23/09	01:17 MDT	Seeing good. Transparency good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Large, oval glow with very bright small core seen in center of oval halo glow. Very bright overall.

<b>M 098 NGC 4192</b>	SP&C	03/18/07	1:22 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice, long, edge on with nice central glow and bulge and dims into long extended arms.
<b>M 099 NGC 4254</b>	SP&C	03/17/07	3:39 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Large, round uniformly lit glow.
<b>M 100 NGC 4321</b>	SP&C	03/17/07	3:56 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - In same FOV and to left of NGC 4312 is this NICE, large bright oval halo glow with small, round brighter core.
<b>M 101 NGC 5457</b>	SP&C	08/01/08	00:32 MDT	Seeing good. Transparency OK. Sky steady.	WUTS 2008. Fox Park, WY. Very dark skies.	12.5" f/8 Newtonian	19mm. Nicely fills FOV. Very dim overall. Has a hare brighter, small round core and hint of spiral structure seen.
<b>M 106 NGC 4258</b>	SP&C	03/17/07	23:32 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Nice. Bright tilted oval with nice bright small core.
<b>M 108 NGC 3556</b>	C	06/29/08	22:48 MDT	Great seeing. Sky steady. Transparency good.	Raymer, CO. Moderately dark skies.	12.5" f/8 Newtonian	19mm – Nice long, linear shaped bright galaxy with nice bright core.
<b>M 109 NGC 3992</b>	C	06/29/08	22:50 MDT	Great seeing. Sky steady. Transparency good.	Raymer, CO. Moderately dark skies.	12.5" f/8 Newtonian	19mm – Nice fat, dim oval halo glow with hare brighter nucleus. Dim field star above nucleus and on halo glow.
<b>M 110 NGC 205</b>	SP&C	10/24/06	20:32 MDT	Its 23 degrees now. Sky is still great. It's a perfect night.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	32mm - Dim, round, uniformly lit glow. Could not see any brighter nucleus region.
<b>NGC 0055</b>	C	10/27/08	22:40 MDT	Seeing good, Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Large, dim, tilted oval. Large, uniformly lit core area surrounded by very dim halo. Goes from 8:30 to 2:30 o'clock in FOV. Approx 1 FOV long. Nice. Very low in south.
<b>NGC 0247</b>	C	10/27/08	22:00 MDT	Seeing good, Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – A long, slender, faint, uniformly lit glow that goes up and down in the FOV and approx 1 FOV long. Field star seen on halo glow.
<b>NGC 0253</b>		10/27/08	22:04 MDT	Seeing good, Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Nice. Bright. Tilted oval approx 1 ½ FOVs long. Goes from 10 to 4 o'clock. Large, bright core with mottling of dust lanes seen on core. Dims slowly into tapered halo arms. I like this one.
<b>NGC 1316</b>	C	01/16/09	19:42 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Small, dim, oval maybe circular glow. Central part bit brighter and hint of halo around it. Pretty dim and low in south so hard to see its exact shape.
<b>NGC 1350</b>	C	01/16/09	19:11 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Nice, tilted oval with larger, brighter core surrounded by dim, yet easy to see halo glow. Tilt is 10 - 4 o'clock. Easy to see in FOV.
<b>NGC 1365</b>	C	01/16/09	19:38 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Small, round, pretty dim, uniformly lit glow.
<b>NGC 1380</b>	C	01/16/09	19:11 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Nice tilted oval with larger, brighter core and tiny bit of halo around it.

<b>NGC 1406</b>	C	01/16/09	19:07 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – A very faint, thin sliver of light. Goes from 11 – 5 o'clock and is small. Uniformly lit. See no contrast in glow.
<b>NGC 1425</b>	C	01/16/09	19:01 MST	Seeing Ok. Transparency OK.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – A faint, fat oval glow with central core a linear glow and easy to see on halo glow. Central bar goes from 8 – 2 o'clock.
<b>NGC 4096</b>	C	03/17/07	22:57 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Long, edge on linear sliver of light. See central bulge and tapers out at ends. Pretty uniformly lit with central part brighter than extended arms which are a hare dimmer. Nice.
<b>NGC 4100</b>	C	03/17/07	23:04 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Dim, uniformly lit cigar shaped glow. Hint of hare brighter core seen. Stands on in FOV with DV. Description in book says round, but am on the field where galaxy is and its cigar shaped.
<b>NGC 4144</b>	C	03/17/07	23:22 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Long, thin, uniformly lit. dim sliver of light. Easy to see with AV.
<b>NGC 4157</b>	C	03/17/07	23:04 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Long, skinny, uniformly lit sliver of light. A very bright blue white field star lies to the bottom right in FOV and at 5:30 o'clock. It is a bit away. This is a nice one.
<b>NGC 4244</b>	C	07/12/04	21:58 MDT	Seeing good, Sky steady. Windy.	Pawnee Grasslands. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Long, slender sliver of light. Easy to see with a/v. Approx 1/3 to ½ FOV in length. A satellite went right across the middle of it while I was looking at it. It was uniformly lit and dim.
<b>NGC 4654</b>	C	03/17/07	2:52 MDT	The sky is steady and the seeing is OK	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	134x - Above and to the left of NGC 4639 is a small, round dim glow with tiny brighter core. See this with DV.
<b>NGC 5102</b>	C	05/04/05	23:28 CDT	Sky still a bit soft. Seeing OK. Dew is VERY heavy.	Texas Star Party, Ft. Davis, TX.	12.5" f/8 Newtonian	Small, dim cigar shaped galaxy with brighter nucleus.
<b>NGC 5128</b>	C	05/06/05	2:08 CDT	Sky is OK. Seeing OK. Dew is heavy.	Texas Star Party, Ft. Davis, TX.	12.5" f/8 Newtonian	Dim, round glow with dust lane that is easily seen bisecting it. 2 field stars on upper part of glow.
<b>NGC 6818</b>	C	08/23/06	22:38 MDT	Sky OK. Seeing Fair.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Nice. Bright. Small round, uniformly lit glow. No central star seen. Nice with OIII and UHC filter. 9mm is not showing it any better and no central star seen at this power either.
<b>NGC 7793</b>	C	10/27/08	22:37 MDT	Seeing good, Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Large, fat oval or circular shaped uniformly lit glow. Dim, yet easy to see. Maybe a few very faint field stars on glow. It hints they are there.
<b>NGC 3769</b>		02/24/09	22:45 MST	Seeing Good. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – A linear shaped uniformly lit glow going from 11:30 – 5:30 o'clock in FOV. Easy to see. No central brightening of core seen.
<b>NGC 3756</b>		02/24/09	22:18 MST	Seeing Good. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Above 3738 to left is a much larger, oval shaped, uniformly lit glow. In same FOV as 3738.
<b>NGC 1851</b>		02/24/09	18:59 MST	Seeing Good. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Nice. Bright, small compact core dims quickly to a large circular halo of member stars. Very low along horizon yet member stars almost pop out.

<b>NGC 1369</b>		01/16/09	19:38 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – A very dim, small round smudge of light.
<b>NGC 1399</b>		01/16/09	19:35 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – A brighter, circular glow with brighter central region.
<b>NGC 1381</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Is dim, maybe oval with hint of hare brighter central region.
<b>NGC 1386</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Is a smaller and dimmer version of NGC 1389, which was a very small, dim, round glow.
<b>NGC 1389</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Is a very small, dim, round glow.
<b>NGC 1379</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Is a dim, circular glow.
<b>NGC 1374</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Is small, dim circular uniformly lit glow.
<b>NGC 1380</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Nice tilted oval with larger, brighter core and tiny bit of halo around it.
<b>NGC 1387</b>		01/16/09	19:11 MST	Seeing OK. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Is a bit of an oval. Dim. Uniformly lit.
<b>NGC 1049</b>		12/28/08	20:41 MST	Seeing Fair. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm - Very dim circular glow with small, brighter core seen. Core hare brighter than circular glow.
<b>NGC 1317</b>		12/28/08	20:16 MST	Seeing Fair. Transparency OK.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm - Then, below NGC 1316 and a bit away, yet in same FOV is NGC 1317 which is a tiny tilted oval, vertical in FOV. Much smaller and dimmer than NGC 1316. This also has a brighter core and dim halo around it. Can tell they are tilted ovals because of extended halo glow at each end.
<b>NGC 300</b>		10/27/08	22:44 MDT	Seeing Great. Transparency Good.	Deer Trail, CO. Moderately Dark Skies.	12.5" f/8 Newtonian	19mm – Very dim, uniformly lit oval bounded by 4 dim field stars on each side. No central brightening. Just a glow. Very low in south.
<b>NGC 5023</b>		03/18/07	4:49 MDT	Seeing Good. Transparency Fair.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Very faint linear sliver of light. Pretty uniformly lit. See it best with AV.
<b>NGC 4220</b>		03/17/07	23:40 MDT	Seeing Good. Transparency Good.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice edge on galaxy with larger, brighter central region that dims quickly to extended arms that go from 12:30 to 6:30 o'clock in FOV.
<b>NGC 4248</b>		03/17/07	23:37 MDT	Seeing Good. Transparency Good.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - To lower left and at 7 o'clock from M106 is this very dim, larger oval shape, uniformly lit. It is just a nice glow.
<b>NGC 4217</b>		03/17/07	23:32 MDT	Seeing Good. Transparency Good.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Larger, dim, uniformly lit cigar shaped galaxy. Seen with AV.
<b>NGC 4138</b>		03/17/07	21:44 MDT	Seeing Good. Transparency Good.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice, bright oval glow. Most of what is seen is bright nucleus glow. A hint of a very dim halo surrounds nucleus glow.

<b>NGC 4013</b>		03/17/07	21:38 MDT	Seeing Good. Transparency Good.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice, tilted oval which is pretty uniformly lit and a very bright stellar nucleus in center of glow. Almost looks like a bright field star sitting in front of this galaxy but its not. Easy to see with DV. Nice surprise.
<b>NGC 4394</b>		03/17/07	4:35 MDT	Seeing Good. Transparency OK.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Just below M85 is this dim, round glow of halo with hare brighter nucleus and a tiny stellar core on that.
<b>NGC 4168</b>		03/17/07	3:33 MDT	Seeing Good. Transparency OK.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Small, round dim glow with hare brighter core seen. In same FOV as NGC 4189.
<b>NGC 4267</b>		03/17/07	3:17 MDT	Seeing Good. Transparency OK.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Easy to see with DV. Nice. Small, round halo glow with tiny round, much brighter core in center.
<b>NGC 4571</b>		03/17/07	3:03 MDT	Seeing Good. Transparency OK.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Very 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.
<b>NGC 4596</b>		03/17/07	2:37 MDT	Seeing Good. Transparency OK.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	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.
<b>NGC 2366</b>		10/24/06	2:56 MDT	Seeing Great. Transparency Great.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – A dim, oval, uniformly lit smudge of light. A bright field star sits at lhs of glowing halo. Sort off looks like it's a stellar nucleus, but its not.
<b>NGC 604</b>		09/30/06	3:26 MDT	Seeing OK. Transparency Fair.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Very bright, vertical, oval glow to lower left of center of M33, yet can see its on the glow of the spiral arms. 604 is a whole lot brighter than most of the glow of arms of M33. Its just above a brighter field star that makes a triangle with 2 other stars, with the long side of triangle pointing away from 604. Its not as bright as the core of M33 though.
<b>M33</b>		09/30/06	3:26 MDT	Seeing OK. Transparency Fair.	Crow Valley Campground. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Dim object that has a brighter core area and a nice glow of the spiral arms which are easy to see with AV. The spiral arms are neat and nicely wrap around the brighter core in a CCW direction. I could see it in the finder scope. Awesome galaxy.
<b>NGC 5204</b>		06/23/06	23:14 MDT	Seeing OK. Transparency Fair.	Camp Happy Jack. Southern Wyoming. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm – Larger, oval glow. Easy to see. Pretty uniformly lit of what is seen.
<b>NGC 4236</b>		04/01/05	22:15 MDT	Seeing OK. Transparency OK.	Pawnee Grasslands. NE Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	10mm - Large long and fat but very dim glowing galaxy. Fills 1 ½ FOV. Very uniformly lit yet a bit difficult to see.
<b>NGC 5238</b>		04/22/09	23:20 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Small, very dim round glow with hare brighter core seen.

<b>NGC 5204</b>		04/22/09	23:26 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Small, dim round uniformly lit glow.
<b>NGC 5474</b>		04/22/09	23:32 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Large, round dim uniformly lit glow.
<b>NGC 5477</b>		04/22/09	23:32 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - To the right of M101 is this tiny, dim, circular glow with hare brighter star like core seen in center of glow.
<b>NGC 5585</b>		04/22/09	23:32 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Larger oval smudge of light. Uniformly lit. Pretty dim.
<b>NGC 2403</b>		04/23/09	00:17 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Brighter, long oval. Uniformly lit. Pretty large. Easy to see. 3 field stars on rhs form a line with bottom field star on bottom part of halo glow of galaxy.
<b>NGC 3077</b>		04/23/09	00:30 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - A small round glow with much brighter central region and a tiny bit of very dim halo glow around this larger center, brighter, uniformly lit central area.
<b>NGC 4618</b>		04/23/09	01:22 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - A dim, circular glow with larger, brighter core area seen on upper lhs of halo glow and not in the center of the glow. To upper left is 4625, a small, dim circular glow with tiny hare brighter star like core right in center of glow.
<b>NGC 4490</b>		04/23/09	01:30 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - A nice tilted oval, going from 8 - 2 o'clock in FOV NGC 4485 with nice, larger brighter core.
<b>NGC 4111</b>		04/23/09	01:47 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice, bright, very small tapered edge on. Goes from 11:30 - 5:30 o'clock in FOV. Has an extremely bright core and slight central bulge and tapers quickly into easy to see halo arms.
<b>NGC 4143</b>		04/23/09	01:52 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Small, circular glow with tiny, very bright nucleus seen in center of glow. Easy to see.
<b>NGC 4051</b>		04/23/09	01:56 MDT	Seeing good. Transparency Good. Sky steady.	Deer Trail, Colorado. Moderate Dark Skies.	12.5" f/8 Newtonian	19mm - Nice. Larger tilted oval. Maybe see a hint of a barred spiral structure with arms going clockwise from tiny center bar. Brighter star like core seen with in center of halo glow.

**Observational Statistics:**

Observed 95 of 88 (Required)

**Magnifications Used:**

9mm 282x  
10mm 254x  
19mm 134x  
32mm 80x

**Abbreviations:**

AV - Adverted Vision  
FOV - Field of View of Eyepiece

DV - Direct Vision