<table>
<thead>
<tr>
<th>Object</th>
<th>List</th>
<th>Date</th>
<th>Time</th>
<th>Seeing</th>
<th>Location</th>
<th>Equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 031</td>
<td>SP&amp;C</td>
<td>10/24/06</td>
<td>20:30 MDT</td>
<td>Its 23 degrees now. Sky is still great. It’s a perfect night.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>This is a great view, as always. Nice combination of the 3 showcase objects. One of my favorites.</td>
</tr>
<tr>
<td>M 032</td>
<td>C</td>
<td>10/24/06</td>
<td>20:35 MDT</td>
<td>Its 23 degrees now. Sky is still great. It’s a perfect night.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>This is a great view, as always. Nice combination of the 3 showcase objects. One of my favorites.</td>
</tr>
<tr>
<td>M 049</td>
<td>SP&amp;C</td>
<td>03/17/07</td>
<td>2:22 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice, round halo glow with brighter core. Bright field star at 4 o’clock of it and on glow.</td>
</tr>
<tr>
<td>M 051</td>
<td>SP&amp;C</td>
<td>04/21/06</td>
<td>01:00 MDT</td>
<td>Sky is steady. Seeing is Good. Transparency is Good.</td>
<td>Pawnee Grasslands. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice. Some spiral arm structure visible, but not as good as I have seen it before.</td>
</tr>
<tr>
<td>M 058</td>
<td>C</td>
<td>03/17/07</td>
<td>2:52 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice.</td>
</tr>
<tr>
<td>M 059</td>
<td>C</td>
<td>03/17/07</td>
<td>2:40 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Large tilted oval with nice bright, large core.</td>
</tr>
<tr>
<td>M 060</td>
<td>C</td>
<td>03/17/07</td>
<td>2:40 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice, round glow with large, bright nucleus.</td>
</tr>
<tr>
<td>M 061</td>
<td>SP&amp;C</td>
<td>03/17/07</td>
<td>1:46 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice, large round glow with tiny bright core.</td>
</tr>
<tr>
<td>M 063</td>
<td>C</td>
<td>06/29/08</td>
<td>23:00 MDT</td>
<td>Great seeing. Sky steady. Transparency good.</td>
<td>Raymer, CO. Moderately dark skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Large tilted oval. Dim halo glow with large, uniformly lit nucleus which is brighter than halo.</td>
</tr>
<tr>
<td>M 064</td>
<td>SP&amp;C</td>
<td>04/23/09</td>
<td>00:35 MDT</td>
<td>Seeing good. Transparency good. Sky steady.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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</td>
</tr>
<tr>
<td>M 065</td>
<td>SP&amp;C</td>
<td>04/01/05</td>
<td>21:55 MDT</td>
<td>Seeing good. Sky steady. Very Clear.</td>
<td>Pawnee Grasslands. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>M 066</td>
<td>SP&amp;C</td>
<td>04/01/05</td>
<td>21:55 MDT</td>
<td>Seeing good. Sky steady. Very Clear.</td>
<td>Pawnee Grasslands. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>Object</td>
<td>RA</td>
<td>Dec</td>
<td>Seeing</td>
<td>Transparency</td>
<td>Location</td>
<td>Instrument</td>
<td>Magnitude</td>
</tr>
<tr>
<td>----------</td>
<td>------</td>
<td>------</td>
<td>------------</td>
<td>--------------</td>
<td>---------------------------</td>
<td>---------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>M 079</td>
<td>12/28/08</td>
<td>21:27 MST</td>
<td>Ok.</td>
<td>Ok.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm</td>
</tr>
<tr>
<td>NGC 1904</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 081</td>
<td>02/08/08</td>
<td>20:47 MST</td>
<td>Wind from north. Sky soft low in south.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>32mm</td>
</tr>
<tr>
<td>NGC 3031</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 082</td>
<td>02/08/08</td>
<td>20:49 MST</td>
<td>Wind from north. Sky soft low in south.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>32mm</td>
</tr>
<tr>
<td>NGC 3034</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 083</td>
<td>03/17/07</td>
<td>1:07 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 5236</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 084</td>
<td>03/18/07</td>
<td>1:30 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4374</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 085</td>
<td>03/17/07</td>
<td>4:35 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4382</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 086</td>
<td>03/18/07</td>
<td>1:30 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4406</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 087</td>
<td>03/18/07</td>
<td>1:33 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4486</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 088</td>
<td>03/18/07</td>
<td>1:40 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4501</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 089</td>
<td>03/17/07</td>
<td>3:02 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4525</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 090</td>
<td>03/17/07</td>
<td>3:02 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4569</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M 091</td>
<td>03/18/07</td>
<td>1:40 MDT</td>
<td>The sky is steady and the seeing is OK.</td>
<td>DAS Dark Sky Site near Deer Trail, CO. Suffers from some light pollution.</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x</td>
</tr>
<tr>
<td>NGC 4548</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC</td>
<td>M 098 4192</td>
<td>03/18/07</td>
<td>1:22 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice, long, edge on with nice central glow and bulge and dims into long extended arms.</td>
</tr>
<tr>
<td>-----</td>
<td>-------------</td>
<td>----------</td>
<td>-----------</td>
<td>----------------------------------------</td>
<td>--------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>NGC</td>
<td>M 099 4254</td>
<td>03/17/07</td>
<td>3:39 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Large, round uniformly lit glow.</td>
</tr>
<tr>
<td>NGC</td>
<td>M 100 4321</td>
<td>03/17/07</td>
<td>3:56 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - In same FOV and to left of NGC 4312 is this NICE, large bright oval halo glow with small, round brighter core.</td>
</tr>
<tr>
<td>NGC</td>
<td>M 106 4258</td>
<td>03/17/07</td>
<td>23:32 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Nice. Bright tilted oval with nice bright small core.</td>
</tr>
<tr>
<td>NGC</td>
<td>M 110 205</td>
<td>10/24/06</td>
<td>20:32 MDT</td>
<td>Its 23 degrees now. Sky is still great. It’s a perfect night.</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>32mm - Dim, round, uniformly lit glow. Could not see any brighter nucleus region.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 0055</td>
<td>10/27/08</td>
<td>22:40 MDT</td>
<td>Seeing good. Sky steady. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 0247</td>
<td>10/27/08</td>
<td>22:00 MDT</td>
<td>Seeing good. Sky steady. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice, Bright. Tilted oval approx 1½ 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.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 0253</td>
<td>10/27/08</td>
<td>22:04 MDT</td>
<td>Seeing good. Sky steady. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice, Bright, Tilted oval approx 1½ 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.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 1316</td>
<td>01/16/09</td>
<td>19:42 MST</td>
<td>Seeing Ok. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice, Bright. Tilted oval approx 1½ 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.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 1350</td>
<td>01/16/09</td>
<td>19:11 MST</td>
<td>Seeing Ok. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice, Tilted oval with larger, brighter core surrounded by dim, yet easy to see halo glow. Till is 10 - 4 o’clock. Easy to see in FOV.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 1365</td>
<td>01/16/09</td>
<td>19:38 MST</td>
<td>Seeing Ok. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Small, round, pretty dim, uniformly lit glow.</td>
</tr>
<tr>
<td>NGC</td>
<td>NGC 1380</td>
<td>01/16/09</td>
<td>19:11 MST</td>
<td>Seeing Ok. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice, Tilted oval with larger, brighter core and tiny bit of halo around it.</td>
</tr>
<tr>
<td>NGC Number</td>
<td>C</td>
<td>Date</td>
<td>Time</td>
<td>Seeing/Transparency</td>
<td>Location</td>
<td>Telescope Details</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>---</td>
<td>----------</td>
<td>---------</td>
<td>---------------------</td>
<td>-------------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>NGC 1406</td>
<td>C</td>
<td>01/16/09</td>
<td>19:07 MST</td>
<td>Seeing Ok. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – A very faint, thin sliver of light. Goes from 11 – 5 o’clock and is small. Uniformly lit. See no contrast in glow.</td>
</tr>
<tr>
<td>NGC 1425</td>
<td>C</td>
<td>01/16/09</td>
<td>19:01 MST</td>
<td>Seeing Ok. Transparency OK.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4096</td>
<td>C</td>
<td>03/17/07</td>
<td>22:57 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4100</td>
<td>C</td>
<td>03/17/07</td>
<td>23:04 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4144</td>
<td>C</td>
<td>03/17/07</td>
<td>23:22 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Long, thin, uniformly lit sliver of light. Easy to see with AV.</td>
</tr>
<tr>
<td>NGC 4157</td>
<td>C</td>
<td>03/17/07</td>
<td>23:04 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4244</td>
<td>C</td>
<td>07/12/04</td>
<td>21:58 MDT</td>
<td>Seeing good, Sky steady. Windy.</td>
<td>Pawnee Grasslands. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4654</td>
<td>C</td>
<td>03/17/07</td>
<td>2:52 MDT</td>
<td>The sky is steady and the seeing is OK</td>
<td>Crow Valley Campground. NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>134x - Above and to the left of NGC 4639 is a small, round dim glow with tiny brighter core. See this with DV.</td>
</tr>
<tr>
<td>NGC 5102</td>
<td>C</td>
<td>05/05/05</td>
<td>23:28 CDT</td>
<td>Sky still a bit soft. Seeing OK. Dew is VERY heavy.</td>
<td>Texas Star Party, Ft. Davis, TX.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>Small, dim cigar shaped galaxy with brightener nucleus.</td>
</tr>
<tr>
<td>NGC 5128</td>
<td>C</td>
<td>05/06/05</td>
<td>2:08 CDT</td>
<td>Sky is OK. Seeing OK. Dew is heavy.</td>
<td>Texas Star Party, Ft. Davis, TX.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>Dim, round glow with dust lane that is easily seen bisecting it. 2 field stars on upper part of glow.</td>
</tr>
<tr>
<td>NGC 6818</td>
<td>C</td>
<td>08/23/06</td>
<td>22:38 MDT</td>
<td>Sky OK. Seeing Fair.</td>
<td>Deer Trail, CO. Moderately Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice. Bright. Small round; uniformly lit glow. No central star seen. Nice with OIII and UHC filter. 19mm is not showing it any better and no central star seen at this power either.</td>
</tr>
<tr>
<td>NGC 7793</td>
<td>C</td>
<td>10/27/08</td>
<td>22:37 MDT</td>
<td>Seeing good, Sky steady.</td>
<td>Deer Trail, Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 3769</td>
<td>C</td>
<td>02/24/09</td>
<td>22:45 MST</td>
<td>Seeing Good. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 3756</td>
<td>C</td>
<td>02/24/09</td>
<td>22:18 MST</td>
<td>Seeing Good. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm – Above 3738 to left is a much larger, oval shaped, uniformly lit glow. In same FOV as 3738.</td>
</tr>
<tr>
<td>NGC 3756</td>
<td>C</td>
<td>02/24/09</td>
<td>18:59 MST</td>
<td>Seeing Good. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 1369</td>
<td>01/16/09 19:38 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – A very dim, small round smudge of light.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-------------------</td>
<td>-----------------------------</td>
<td>---------------------------------------------------------------</td>
<td>------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1399</td>
<td>01/16/09 19:35 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – A brighter, circular glow with brighter central region.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1381</td>
<td>01/16/09 19:11 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – Is dim, maybe oval with hint of hare brighter central region.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1386</td>
<td>01/16/09 19:11 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – Is a smaller and dimmer version of NGC 1389, which was a very small, dim, round glow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1389</td>
<td>01/16/09 19:11 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – Is a very small, dim, round glow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1379</td>
<td>01/16/09 19:11 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – Is a dim, circular glow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1374</td>
<td>01/16/09 19:11 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – Nice tilted oval with larger, brighter core and tiny bit of halo around it.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1379</td>
<td>01/16/09 19:11 MST</td>
<td>Seeing OK. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm – Very dim circular glow with small, brighter core seen. Core hare brighter than circular glow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 1317</td>
<td>12/28/08 20:16 MST</td>
<td>Seeing Fair. Transparency OK.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 5023</td>
<td>03/18/07 4:49 MDT</td>
<td>Seeing Good. Transparency Fair.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm - Very faint linear sliver of light. Pretty uniformly lit. See it best with AV.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 4220</td>
<td>03/17/07 23:40 MDT</td>
<td>Seeing Good. Transparency Good.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 4248</td>
<td>03/17/07 23:37 MDT</td>
<td>Seeing Good. Transparency Good.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 4217</td>
<td>03/17/07 23:32 MDT</td>
<td>Seeing Good. Transparency Good.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm - Larger, dim, uniformly lit cigar shaped galaxy. Seen with AV.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGC 4138</td>
<td>03/17/07 21:44 MDT</td>
<td>Seeing Good. Transparency Good.</td>
<td>Deer Trail, CO. Moderately Dark Skies. 12.5&quot; f/8 Newtonian</td>
<td>19mm - Nice, bright oval glow. Most of what is seen is bright nucleus glow. A hint of a very dim halo surrounds nucleus glow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Object</td>
<td>Date</td>
<td>Time</td>
<td>Seeing</td>
<td>Transparency</td>
<td>Location</td>
<td>Telescope</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>------------</td>
<td>-----------</td>
<td>-----------------</td>
<td>--------------</td>
<td>---------------------------</td>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>NGC 4013</td>
<td>03/17/07</td>
<td>21:38 MDT</td>
<td>Good</td>
<td>Good</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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 it's not. Easy to see with DV. Nice surprise.</td>
</tr>
<tr>
<td>NGC 4394</td>
<td>03/17/07</td>
<td>4:35 MDT</td>
<td>Good</td>
<td>OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm - Just below M85 is this dim, round glow of halo with hare brighter nucleus and a tiny stellar core on that.</td>
</tr>
<tr>
<td>NGC 4168</td>
<td>03/17/07</td>
<td>3:33 MDT</td>
<td>Good</td>
<td>OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm - Small, round dim glow with hare brighter core seen. In same FOV as NGC 4189.</td>
</tr>
<tr>
<td>NGC 4267</td>
<td>03/17/07</td>
<td>3:17 MDT</td>
<td>Good</td>
<td>OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>19mm - Easy to see with DV. Nice. Small, round halo glow with tiny round, much brighter core in center.</td>
</tr>
<tr>
<td>NGC 4571</td>
<td>03/17/07</td>
<td>3:03 MDT</td>
<td>Good</td>
<td>OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4596</td>
<td>03/17/07</td>
<td>2:37 MDT</td>
<td>Good</td>
<td>OK</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 2366</td>
<td>10/24/06</td>
<td>2:56 MDT</td>
<td>Great</td>
<td>Great</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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 it's not.</td>
</tr>
<tr>
<td>NGC 604</td>
<td>09/30/06</td>
<td>3:26 MDT</td>
<td>Fair</td>
<td>Fair</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>M33</td>
<td>09/30/06</td>
<td>3:26 MDT</td>
<td>Fair</td>
<td>Fair</td>
<td>Crow Valley Campground, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>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.</td>
</tr>
<tr>
<td>NGC 4236</td>
<td>04/01/05</td>
<td>22:15 MDT</td>
<td>Fair</td>
<td>OK</td>
<td>Pawnee Grasslands, NE Colorado. Moderate Dark Skies.</td>
<td>12.5&quot; f/8 Newtonian</td>
<td>10mm - Large long and fat but very dim glowing galaxy. Fills 1 ½ FOV. Very uniformly lit yet a bit difficult to see.</td>
</tr>
<tr>
<td>NGC</td>
<td>Date</td>
<td>Time</td>
<td>Magnification</td>
<td>Observation Details</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>--------</td>
<td>-------</td>
<td>--------------</td>
<td>-------------------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5204</td>
<td>04/22/09</td>
<td>23:26 MDT</td>
<td>19mm - Small, dim round uniformly lit glow.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5474</td>
<td>04/22/09</td>
<td>23:32 MDT</td>
<td>19mm - Larger, round dim uniformly lit glow.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5477</td>
<td>04/22/09</td>
<td>23:32 MDT</td>
<td>19mm - To the right of M101 is this tiny, dim, circular glow with hare brighter star like core seen in center of glow.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2403</td>
<td>04/23/09</td>
<td>00:17 MDT</td>
<td>19mm - Smaller, longer 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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3077</td>
<td>04/23/09</td>
<td>00:30 MDT</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4618</td>
<td>04/23/09</td>
<td>01:22 MDT</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4490</td>
<td>04/23/09</td>
<td>01:30 MDT</td>
<td>19mm - A nice tilted oval, going from 8 - 2 o'clock in FOV NGC 4485 with nice, larger brighter core.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4111</td>
<td>04/23/09</td>
<td>01:47 MDT</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4143</td>
<td>04/23/09</td>
<td>01:52 MDT</td>
<td>19mm - Small, circular glow with tiny, very bright nucleus seen in center of glow. Easy to see.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4051</td>
<td>04/23/09</td>
<td>01:56 MDT</td>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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