

## Monday, June 22, 2009

Arrived at Deer Trail, CO site about 5:30 PM. Very clear overhead at sunset. See a thunderhead building low in SW and in the NW. Brisk wind from SE.

Saturn            9:06 PM            View is awesome but the 6mm power not as good as it was Friday night.

Stars are steady. Seeing is Fair. Transparency is fair. Wind brisk.

NGC 4666    9:47 PM            19mm - Nice edge on. Long and slender galaxy. Its dim with hare brighter center region where it bulges out a bit from the long slender taper.

NGC 4753    9:53 PM            19mm - Nice. Brighter tilted oval with brighter, tiny core. Bit larger than most galaxies I've seen lately.

The thunderhead building in the SW has now overtaken the sky overhead. The severe storm to the NW is showing major lightening strikes to the ground and the upper cloud lightening is basically constant. This moved across the northern horizon and died out about 1 AM. Glad I didn't go to Pawnee Grasslands tonight.

NGC 4889    11:29 PM            19mm - Oval glow. Fairly dim yet has brighter central area.

NGC 4874    11:29 PM            19mm - In same FOV and to upper right of 4889. A much dimmer uniformly lit oval shaped glow. Maybe hint of a brighter central region.

NGC 5012    11:33 PM            19mm - A dim glow. Oval to circular in shape. Pretty uniformly lit.

Sky is ok and transparency is good. Seeing is soft. Wind gone. The huge thunderstorm is still in the north. Mosquitoes are viscous tonight.

NGC 4448    11:37 PM            19mm - Nice tilted oval glow. Tapered arms come off each end of a brighter central core. Pretty dim though.

NGC 4494    11:40 PM            19mm - Nice circular glow with large, bright core that dims slowly into a circular halo glow.

NGC 4251    11:43 PM            19mm - A small oval glow with larger, brighter core and dim halo surrounding it. Hint of short tapered arms coming off each side of central glow.

NGC 4414 11:48 PM 19mm - Nice tilted oval with larger, brighter core that dims into a halo glow that extends from 10 - 4 o'clock off central glow.



NGC 4631 11:59 PM 19mm - A nice, uniformly lit edge-on. 1/2 FOV long and pretty fat in the middle. Easy to see. Field star to left of center part of galaxy. Nice. Its vertical in FOV.

NGC 4656 00:05 AM 19mm - 2 dim long cigar shaped glows. Pretty uniformly lit. Can tell 4656 is a bit larger and to upper right while  
NGC 4657 4657 is very near but not touching 4656. Both pretty dim.



NGC 4861 00:12 AM 19mm - A very faint sliver of uniformly lit light going from 2 - 8 o'clock in FOV. Fairly long.

NGC 5005 00:14 AM 19mm - A nice, bright longer tilted oval that has extended halo glow going from 1 - 7 o'clock in FOV. Has larger, much brighter central core. Tapered arms disappear slowly from core.

Light wind persists from SE. Mosquitoes still buzzing around face while trying to look in eyepiece. Sky is soft but the seeing appears to be OK.

NGC 5033 00:18 AM 19mm - Another brighter, longer tilted oval. Goes from 10 - 4 o'clock in FOV. Larger, brighter core with shorted tapered arms that are dim, yet easy to see.

M64 00:20 AM 19mm - Nice. Larger, tilted oval. Nearly vertical in FOV. Very large, bright uniformly lit core with a bit of dim halo around it.

NGC 5023 00:23 AM 19mm - A very dim, linear smudge of uniformly lit light.

M51 00:28 AM 19mm - Nice. Hint of spiral structure seen.

NGC 5196 00:28 AM 19mm - About 1 FOV to the right of M51 is this very small, circular glow with tiny, brighter core in center of glow.

NGC 5297 00:28 AM 19mm - A very dim, linear smudge of uniformly lit light. Nestled with 2 field stars, with the lower star much brighter than upper star.



Hickson 68 Group and neighbors

- NGC 5326 00:49 AM 19mm - A small dim circular glow with tiny brighter core.
- NGC 5313 19mm - A small, circular, uniformly lit glow.
- NGC 5353 19mm - Brightest of all members of this group. Elongated oval with brighter center.
- NGC 5354 19mm - A uniformly lit oval glow a bit dimmer than 5353.
- NGC 5365 19mm - A hint of a small circular smudge of light.
- NGC 5350 19mm - A bit larger, circular uniformly lit glow.
- NGC 5371 19mm - A circular uniformly lit glow to the left of other galaxies.
- NGC 5351 19mm - A very faint uniformly lit oval glow.



- NGC 5320 1:03 AM 19mm - A very faint uniformly lit circular glow.
- NGC 5248 1:12 AM 19mm - Nice tilted oval with larger, brighter core and longer, dim, tapered halo arms off this core. Goes from 10 - 4 o'clock in FOV.
- NGC 5820 1:23 AM 19mm - Small, round dim glow with hint of a star like core in center of glow.

- NGC 5930 1:28 AM 19mm - Two circular glows touching each other with each having a tiny, brighter core area. Both identical in appearance. Faint, but easy to see. 5930 is the galaxy on the right side.



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| IC 4553              | 1:39 AM | 19mm - An <u>extremely</u> faint, tiny, circular uniformly lit glow. Best seen with AV.  |
| NGC 5996             | 1:50 AM | 19mm - A very faint round to oval uniformly lit glow.  |
| NGC 5953<br>NGC 5954 | 1:54 AM | 19mm - A small round glow with a hint of a hare brighter core. Above it and to the right is another faint, round glow (5954). Very near it is a possible faint star. |