

## Saturday, December 17, 2011

Arrived at Deer Trail, CO site about 3:00 PM.

Clear and calm at sunset. 34 degrees at 4:30 PM.

Jupiter nice. Venus large gibbous phase.

NGC 150      6:13 PM      19mm – A dim, small, oval shaped galaxy with larger, hare brighter core.

P1942      6:27 PM      19mm – A dim, tapered, elongated oval. Easy to see with direct vision. Position angle 2 o'clock or 60 degrees.



NGC 148      6:26 PM      19mm – Long and thin. Tapered arms. Dim. Brighter, larger central bulge with faint field star right below core and very near it. 15mm doesn't improve view.



20 degrees. Sky is OK, Transparency is OK. Sky soft.

NGC 247      7:37 PM      19mm - Nice. A Long slender dim easy to see. Stretches from each side of eyepiece and then a bit more outside FOV. Large, brighter in core are with field star on galaxy.

M 1-5-47      7:45 PM      19mm – A very dim, slender uniformly lit galaxy. Barely there with direct vision. Easy to see with AV. Position angle 4 o'clock or 120 degrees. Nice.

Light wind from south. Frost gone from clock face. 22 degrees. Seeing and transparency is OK.

U1803      7:56 PM      19mm – A larger, fat sliver of light. Extremely dim. Barely there. Position angle 2 o'clock or 60 degrees.



M 1-10-35      8:20 PM      19mm – Another small, extremely faint smudge of light. Position angle looks to be 1:30 o'clock or 45 degrees.



M 3-9-41      9:11 PM      19mm – A ghostly glow of a sliver of light. Eye sees it when FOV moves. Position angle 0 degrees.



M79	9:41 PM	19mm – Tiny, nice glob. Lots of stars seen.
NGC 1979	9:45 PM	19mm – A tiny round glow. Looks like an out of focus star. Hint of a brighter, star like core seen in center of round glow.

The night was nice to get out. The relative humidity was predicted to hit 69% just after 9 PM and that is about the time I couldn't find any more galaxies. I looked a lot but they just would not reveal themselves.

I wanted to look at galaxies low in the south in Sculptor before they set for the season and managed to find all but one I was looking for.