Thursday, March 15, 2012

Arrived at the Denver Dark Sky Site east of Deer Trail, CO about 5:00 PM. Jon DeJong was already there with his new 22 inch f/3.5 scope. Very short and just doesn't look right.

Light wind from south at sunset. Clear overhead. Clouds hugging W->NW->N->NE horizon. 51 degrees. At 7:14 PM, Venus nice ½ phase and Jupiter has lots of bands 1ith 15mm eyepiece.

Sky is Good. Transparency is Good.

8:04 PM	15mm – A nice edge on. Small. Seen w/AV. Fatter, brighter core bulge and short tapered arms. Very dim. PA 1 o'clock.
8:18 PM	15mm – A small, thing ghostly glow. PA 4 o'clock.
8:36 PM	15mm – An extremely faint gal, yet easy to see. Hare brighter, fatter core area and extremely faint, short arms. Very linear. PA 5 o'clock.
8:47 PM	15mm – An extremely dim, tiny, elongated glow. PA 1 o'clock.
9:02 PM	15mm – A very faint, small, thin, uniformly lit glow. PA 0 degrees. I was looking at the field and it just popped into view. Pretty cool.
	8:18 PM 8:36 PM 8:47 PM

Sky good. Transparency good. 43 degrees. Good breeze from south. Bounces scope enough to help my eye detect these faint galaxies.

UGC 6866	9:48 PM	15mm – An extremely faint, thin, uniformly lit ghostly glow. PA 4 o'clock.
UGC 7321	9:57 PM	15mm – An extremely faint, thin ghostly glow. PA 1 o'clock.
IC 755	10:06 PM	15mm – A small, <u>very</u> dim, uniformly lit linear glow. PA 5:30 o'clock.
NGC 2792	10:23 PM	15mm – Just above horizon. W/OIII, bright, round, small glow with central star seen in center of glow. Without filter, small, round, blue green glow with central star seen.
PGC 28909	10:32 PM	15mm – An extremely dim, small, linear smudge of light. PA 5 degrees.

Brisk wind from south making FOV bounce a lot. Still finding objects though. 46 degrees. Seeing OK. Transparency good.

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PGC 28840	10:36 PM	15mm – An extremely faint, thin, small, linear, uniformly lit smudge of light. Easy to see though faint. PA 4 o'clock.
Comet Garradd		From Jon's 22 inch scope. Nice, Bright. 2 tails seen. Watched it move in FOV.
PGC 32550 E 569-14	11:05 PM	15mm – An extremely faint ghostly glow of a sliver of light. PA 5 degrees.
PGC 40566 IC 3322A	11:24 PM	15mm – An <u>extremely</u> faint ghostly sliver of light. PA 4:30 o'clock.
∑ 1740 Vir	12:05 AM	20x80 Binocs – 2 fainter stars approx same magnitude very near each other.
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70 Vir	12:07 AM	20x80 Binocs – A brighter blue white stars to lower left of
	1 14 1	a much dimmer companion a bit away.
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a Lib	12:12 AM	20x80 Binocs – 2 bright blue white stars with bottom star much brighter than upper one.

The wind persisted all night. Often getting above 15 mph. Decided to pack it in after seen last 3 double stars from the Double Star club. I have seen tham all now.

Jon DeJong, Joe Gafford, Dave Delassus and Bruce Heath were out here tonight. A nice group. Looked thru Jon's scope a lot, He has a very nice scope for \$13,000 plus \$2000 more for Ethos eyepieces.

 $\label{eq:constraints} \hat{\boldsymbol{x}}_{i} = \hat{\boldsymbol{x}}_{i} + \hat{\boldsymbol{x$