

Sunday June 26, 2016

Went up to Berthoud, CO to use the 24" tonight. Used my 13mm eyepiece all night, yielding 188x.

Clear overhead and calm at sunset. Clouds/haze low along north horizon and thunderheads low in East and South.

Seeing and Transparency Good.

- | | | |
|----------------------|----------|---|
| UGC 6100 | 10:11 PM | 13mm – 188x – Under a brighter field star is this <u>very faint</u> , roundish glow. |
| PGC 39086 | 10:20 PM | 13mm – 188x – A <u>very faint</u> , out of focus looking <i>star</i> . |
| PGC 35899 | 10:27 PM | 13mm – 188x – This is also called MRK 180. A very faint stellar galaxy. Easy to see. Matched picture of star field. |
| MRK 501 | 10:41 PM | 13mm – 188x – A <u>very faint</u> stellar looking galaxy. |
| KUV 18217+6419 | 10:50 PM | 13mm – 188x – A <u>very faint</u> , tiny, out of focus looking <i>star</i> . |
| IES 1959+650 | 11:11 PM | 13mm – 188x – A very faint stellar glow above and near 2 brighter field stars. |
| NGC 5958 | 11:19 PM | 13mm – 188x – A small, fat oval. Very dim. Pretty uniformly lit. Maybe hint of a tiny, stellar core. |
| NGC 5992
NGC 5993 | 11:23 PM | 13mm – 188x – A small, dim oval with hare brighter core. Then below and to right and near is N5993, a smaller, dim oval with tiny, hare brighter core. |
| NGC 5966
IC 4563 | 11:26 PM | 13mm – 188x – Under a bright field star is this dim, round, uniformly lit glow. Offset a bit to lower right under field star. Then to right and a bit below and near is IC 4563, a <u>very faint</u> , thin oval, uniformly lit glow. |

Seeing and Transparency OK. Sky is not as good as it once was.

- | | | |
|----------|----------|--|
| NGC 6038 | 11:28 PM | 13mm – 188x – An <u>extremely faint</u> , roundish, uniformly lit smudge of light. |
|----------|----------|--|

NGC 5637	11:38 PM	13mm – 188x – A small, round, <u>extremely faint</u> , uniformly lit ghostly glow.
NGC 5610	11:40 PM	13mm – 188x – A small, thin, 3:1 oval. <u>Very faint</u> . Has larger, brighter core.
NGC 5594	11:42 PM	13mm – 188x – An <u>extremely faint</u> , small oval, 2:1 with hint of a brighter, detailed core.
NGC 5635	11:44 PM	13mm – 188x – A small, <u>very faint</u> , fat oval. Has large, bright core and maybe stellar core in center of it.

Contrast in eyepiece is gone. Patchy clouds everywhere. Last 3 galaxies tried to find were just not there.

Calling it quits. Nice night until clouds came in. Clear Sky Clock said this would happen after 1 AM.

On drive home, it was nice and clear.