

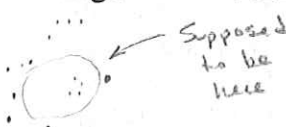
Wednesday, October 10, 2007

Arrived at the Fox Park, Wyoming. At sunset, few puffy clouds disappearing. Bit of a wind from the SW that is dying down. Using motor home to block that direction.

- NGC 7686 8:01 PM 19mm – One bright, blue white star and bit dimmer off to left. Between and around these 2 stars are approx 20 stars, some very dim, of approx 3 magnitudes. Very loose. No real concentration. Almost fills 19mm FOV. Class III 2 p.
- M27 8:11 PM 19mm – Shows it as an eye shaped with center much darker and has a bowtie, hourglass shape, look. The edges off left and right dim out to edge. OIII shows it better and UHC shows it like w/o OIII filter. Nice view. No central star seen.
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- NGC 6800 8:19 PM 19mm – Matches picture in Night Sky book. 18 brighter, blue white stars form a circle, ring shape. 20 dimmer stars with these 18 brighter ones seen. Stands out in area for these stars are brighter than others in this area. Fills center of FOV nicely. Class II 1 p.
- NGC 6793 8:27 PM 19mm – 2 little, back to back triangles of stars sits in the center of approx 30+ stars of very similar magnitude. Underneath these are lots of hints of very faint stars. 9mm shows the fainter stars better. Lots more of them seen now. Class III 2 p.
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- NGC 6823 8:40 PM 19mm – Nice, bright, compact grouping of stars. 20-30 brighter stars of 3 similar magnitudes seen and some fainter ones seen underneath these. Class I 3 p.
- Sky is great. Steady. No wind. 34 degrees. Transparency great.
- NGC 6885 8:46 PM 19mm – A very bright blue white star sits in the middle of a bunch of stars. 50+ of about 4 magnitudes that are a little more dense to upper right than lower left. Almost fills FOV of 19mm. Very nice. Class I 2 m.
- NGC 7209 8:56 PM 19mm – Nice. 50+ stars. Nice concentration. Most of same magnitude. 2-3 dimmer magnitudes of stars seen with these stars. 3 field stars form a triangle on lower left of cluster. These 3 stars and cluster fit all in 19mm FOV. Nice. Class I 2 m.

IC 1434 9:05 PM 19mm – Very compact and very dim. 4 bright field stars bound cluster to left. 10-15 very faint stars in on a very dim glow that is easily seen. Hard to classify because can't count the stars in glow. Class I 3 p.

King 9 9:21 PM 19mm – Right on star field according to the picture I brought. See all the reference stars but shows nothing of cluster. 9mm shows 4 very faint stars in area where cluster should be but nothing else seen. Couldn't classify.



Berk 59 9:50 PM 19mm – Shows 10 faint stars on top of a dim glow. 9mm shows more stars in glow and a mottling texture to glow. Pretty small and compact. Class II 1 p.

King 13 10:01 PM 19mm – Long and oval shaped. Maybe 15 very faint stars seen on top of an area that hints of fainter, unseen stars and even more unseen because of a glow. Class I 2 p.

King 12 10:08 PM 19mm – Nice. Shows a comma shaped cluster lying on its back. 15 stars seen, 3 of which are much brighter than rest, which are dim. 9mm shows about 15 more very faint stars around outside of comma shape. Class I 2 p.



King 21 10:18 PM 19mm & 9mm – Shows a tear drop shaped cluster, on its side with skinny part to left in FOV and opens towards right. Very small. 20 stars seen all approx same magnitude and 3 stars on lhs are much brighter. Field star just to lower left of cluster. Class I 2 p.

Berk 2 10:37 PM 19mm – Shows 10 or so stars. 9mm shows a longer, narrow cluster with 15 faint stars seen on a glow underneath them. Class II 3 p.

NGC 225 10:45 PM 19mm – 20 blue white stars, all approx same magnitude makeup a chevron shaped cluster with 4 more stars by themselves on rhs form a loose arc. The 20 stars are very compact. Can see it in 7x50 finder scope. Pretty easy to see. Class I 1 p.

29 degrees. Sky great. No dew.

NGC 6791 11:14 PM 19mm – Shows large circular glow. Like a nebula. W/AV, can see tiny stars on glow. 9mm shows more stars on glow and more circular glow. Glow easy to see in FOV. Class I 1 r.

NGC 6819	11:26 PM	19mm – Nice., A roughly circular cluster of 20-30 brighter stars seen with halo of a glow of much dimmer stars seen around these especially bounding rhs. Fairly large and compact. Maybe more boxy than round that the brightest stars form. Class I 3 m.
NGC 6871	11:40 PM	19mm – 2 groups of stars. 20 in all. The upper left group has 2 brighter and 8 very faint stars and rest dim. Lower right group has 7 stars that form a smiley face and 3 others there. Mouth of smiley face is 4 stars that are <u>very</u> dim. Composed of 4-5 magnitudes. Class III 2 p.
Biur 2	11:53 PM	19mm – Very small and loose. 9 stars makeup this OC with top 2 stars much brighter and a close double. Rest of stars composed of 2 magnitudes. Class III 3 p.
IC 4996	12:01 AM	19mm – 20+ stars form a parallelogram shaped cluster. 3 of the brightest stars and a 4 th dimmer makeup a vertical arc right in middle of cluster. Stars are of all magnitudes with faintest barely seen. Class II 2 p.
Berk 85	12:16 AM	19mm – Shows 10 very faint stars. Very loose. 9mm shows these 10 stars plus more very faint points of light. There is a hint of a circular contrast indicating maybe more stars here than can be seen. Class III 3 p.
Sky a bit soft now. 28 degrees. Calm.		
Berk 87	12:24 AM	19mm – Very loose. 19 stars of 5 magnitudes makeup this OC. Stars stand out in FOV. Fills center of FOV nicely. Class III 2 p.
Berk 86	12:29 AM	19mm – Very loose yet confined. 29-30 stars, 6 brighter, 5 a bit dimmer, rest faint to <u>very</u> faint. Counted stars that were bounded by black space. Class II 2 p.
NGC 6910	12:34 AM	19mm – 30+ stars. Most easy to see. Some seen w/AV. 2 brighter stars in middle of what I counter. Next brightest stars composed of 2 magnitudes. Heart of cluster is linear in shape. But there are stragglers way out. Class II 2 p.
Cr 421	12:45 AM	19mm – Very small and dim. 12 stars of 3 magnitudes makeup this OC. Brighter stars form a hat shape with a brim. Class II 3 p.

Dolidze 9	12:50 AM	19mm – Very bright star at top with 4 dimmer yet bright and 3 more (8 total) below these. Class II 3 p.
Berk 90	1:01 AM	19mm – Shows 5 <u>very</u> faint stars where this cluster should be. Its bounded on top and bottom by 2 brighter field stars. 9mm shows these faint stars and a hint of a small, round circular glow. Class II 1 p.
Cr 463	1:17 AM	32mm – Very large. 20-30 stars many bright blue white in color. Very loose. Kind of linear in shape. Hard to count but stars match chart and picture nicely. Class III 2 p.

27 degrees. Sky better now. Great.

NGC 188	1:35 AM	19mm – Fills center of FOV nicely. Round in shape. Stands out in star poor area. Lots of stars seen of all magnitudes and a glow also seen when more stars cannot be seen. Class I 2 m.
DoDz 1	1:52 AM	19mm – 13-15 stars seen of 3 magnitudes. 5 of them very bright and blue white. Rest rather dim as compared to these. Very loose. But together. Class II 3 p.

34 degrees. Light wind from NW. Sky soft.

IC 1369	2:04 AM	19mm – Small, roundish in shape, compact. 20+ faint stars seen on top of a glow. Class I 1 p maybe.
Berk 55	2:13 AM	19mm – Can see 5-7 stars and a hint of a glow. 9mm see 10+ stars. Very faint. Looks to be a bit linear in shape. <u>Very</u> faint. Class II 1 p.

36 degrees. Wind a bit stronger. Sky is OK and seeing is good.

Berk 94	2:29 AM	19mm – Small and dim. 10 stars of 2 magnitudes seen. The 2 nd magnitude much dimmer than first. Loose yet together. Almost looks like a “Y” with the brighter stars. Class II 3 p.
Berk 96	2:29 AM	19mm – 10 stars seen. 3 brighter ones form a flat isosceles triangle with fainter ones in amongst these 3. Tight and compact and tiny in FOV. Class I 3 p.

NGC 7423	3:04 AM	19mm – Long and slender in shape. Situated between 2 little bit brighter stars. 10+ very faint stars seen. There is a contrast here where there might be fainter unseen stars. Fills $\frac{1}{2}$ FOV that is situated up and down in FOV. Class I 3 p.
King 10	3:22 AM	19mm – Small triangular patch of light with 15-20 tiny star pinpoints on it. Pretty compact. 9mm shows same stars easier and glow better. To upper left and near are 3 bright field stars, evenly spaced. Class I 3 p.
King 18	3:32 AM	19mm – Matches picture I brought with me. 3 little brighter stars in a line at top of cluster. See 20-25 bit dimmer stars basically underneath these. See 4 very faint stars, real close and in a line going diagonally in upper rhs. Compact. Fills approx $\frac{1}{4}$ of FOV. Class II 1 p.
NGC 7510	3:38 AM	19mm – Nice. 20 stars of 3 magnitudes forms an equilateral triangle, pointing towards upper left of FOV. Bottom rhs is <u>FLAT</u> with brighter stars here and brightest star at lower left corner of triangle. Very compact. Dimmest stars at triangle apex (top) and gradually brightens in magnitude from dimmest to brightest. This was Cool... Stands out in FOV. Class I 2 p.
King 19	3:46 AM	19mm – This is with NGC 7510 at lower right corner of FOV and King 19 in upper left corner in same FOV. Nice. 7-8 very dim stars seen with 3 on lower left forming a triangle and 3 to the upper right form a line. Pretty linear. No real concentration. Matched picture I brought. Class III 1 p.

29 degrees. Sky great. Going to bed now.