

NGC 1365	1/16/2009	19:38	OK	OK	Deer Trail, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm – Small, round, pretty dim, uniformly lit glow.
NGC 1399	1/16/2009	19:35	OK	OK	Deer Trail, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm – A brighter, circular glow with brighter central region.
NGC 1851	2/20/2004	18:52	OK	OK	Pawnee Grasslands. Moderately dark sky.	12.5" f/8 Newtonian	19mm - This had a big, bright nucleus that dims quickly into a large, dim halo. Several member stars barely seen. I can tell it is speckled with lots of stars in the halo area. There is lots of atmosphere so the stars are not focusing to pinpoints down here. 10mm - Can see blobs that are the member stars easier. 19mm - Back to this eyepiece. I can see quite an extended halo. This GC is approx 1/4 FOV in diameter. Lots of member stars seen now.
NGC 2439	2/8/2008	20:42	Good	Good	Deer Trail, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm - Nicely fills center of FOV. 40-50 stars, some very faint seen. Roughly circular in shape. A very bright star, much brighter than all others in this OC to bottom right, near edge of stars at 4 o'clock. Nice. Its small though. This is the last OC of the OC club I looked at. Class II 3 m.
NGC 3132	2/3/2005	23:10	Good	Good	John Martin State Park, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm - Low on horizon, this is a neat planetary nebula. The central star stands right out and is surrounded by a soft, circular glow. Approx size of M57 but circular. OIII filter doesn't improve image.
NGC 3201	2/4/2005	0:03	Good	Good	John Martin State Park, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm - Really low on the horizon in the south, just to the left of where the dam and horizon meet. Large glow with mottling on it. Hare brighter nucleus than halo. I need to see this again in a more southerly location. I might see 2-3 outlying member stars that are not part of the halo glow.
NGC 3621	4/26/2003	22:26	Good	Good	North Sterling State Park, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm - Large and faint. This is low, on the SW horizon. Uniformly lit. Nestled inside 4 field stars that make a cross shape. Oval in shape.
NGC 5128	5/6/2005	2:08	OK	OK	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm - Saw dust lane. Fills 1/2 field of view. Top south lobe brighter than north. Faint field star centered in south lobe. <u>Very</u> faint star in west edge of dust lane.
NGC 5139	5/6/2005	2:08	OK	OK	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm - Many stars. Overfills FOV. Fairly round, uniformly lit. Looks like powder.
NGC 5986	5/11/2010	1:29	Good	Good	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm – A small round glow with lots of member stars seen on glow. Nice.
NGC 6231	5/6/2005	2:54	OK	OK	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	40mm - Large, open cluster. Many bright, young stars. Swing scope through it to see all of it.
NGC 6250	5/11/2010	2:27	Good	Good	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm – Saw it in 8x50 Finder. About 20 stars of approx 4 magnitudes. Very loose and nicely fills center of FOV. Center part seems to have a glow of maybe more unseen stars.
NGC 6281	5/12/2010	4:13	Good	Good	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm – Boxy. Small. 20 blue-white stars form lines in this open cluster. All approx same magnitude. Then there are 10 more of a lesser magnitude mixed in. The lines of stars are cool.

NGC 6388	5/12/2010	4:08	Good	Good	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm – Small, dimmer, round. Has nice bright core which is small. Dims quickly into halo which is most of what is seen. No member stars seen, just combined glow of them.
NGC 6475	7/31/2008	22:12	Good	Good	Fox Park, WY. Very dark sky.	12.5" f/8 Newtonian	32mm. Large open cluster. Fills FOV nicely. 15-30 blue-white stars of approx same magnitude. Very nice. Can see this also in 8x50 finder.
NGC 6723	5/6/2005	3:14	Good	Good	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	19mm - Larger than NGC 6541 by 2 times. Yet its dim and uniformly lit. All of what can be seen is halo. Member stars easily seen.
NGC 7793	10/27/2008	22:37	OK	OK	Deer Trail, CO. Moderately dark sky.	12.5" f/8 Newtonian	19mm – Large, fat oval or circular shaped uniformly lit glow. Dim, yet easy to see. Maybe a few very faint field stars on glow. It hints they are there.

Objects South of -65°	0	of 10
Objects South of -48°	5	of 20
Other Objects	20	of 20
Total Objects	25	of 50

Total Caldwell Objects Observed 0 of 110

Caldwell Silver Certificate #68 Received on July 9, 2004

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