Object	Date	Time	Seeing	Trans.	Location	Equipment	Description
Objects South of -65°	•				•	•	
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Objects South of -48°					<b>1</b>		
			_		Texas Star Party - Very dark		19mm – A small, round globular cluster with member st
IGC 5286	5/11/2010	1:17	Good	Good	site.	12.5" f/8 Newtonian	seen. It's to lower left of a very bright field star.
IGC 2547							
C 2395							
NGC 2669							
					Texas Star Party - Very dark		19mm – A dim, uniformly lit long slender glow. Seeing is
NGC 4945	5/11/2010	0:26	Good	Good	site.	12.5" f/8 Newtonian	pretty poor this low in south, just above mountains.
					Texas Star Party - Very dark		19mm – Small, round glow with speckling of member st
NGC 5927	5/11/2010	2:05	Good	Good	site.	12.5" f/8 Newtonian	on glow. Dim.
					Texas Star Party - Very dark		19mm – Small, very dim glow. See center is brighter that
NGC 5946	5/11/2010	2:07	Good	Good	site.	12.5" f/8 Newtonian	edge. Hint of speckling of stars seen on glow.
NGC 6067							
					Texas Star Party - Very dark		19mm - Very dim, small, circular glow with mottling of
NGC 6352	5/12/2010	3:48	Good	Good	site.	12.5" f/8 Newtonian	ember stars seen on glow.
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Other Objects							
Allier Objects	Т		1		1		10mm Lorgo dim tiltod aval. Lorgo valtarrali litarra
							19mm – Large, dim, tilted oval. Large, uniformly lit core

							19mm – Large, dim, tilted oval. Large, uniformly lit core
							area surrounded by very dim halo. Goes from 8:30 to 2:30
					Deer Trail, CO. Moderately dark		o'clock in FOV. Approx 1 FOV long. Nice. Very low in
NGC 55	10/27/2008	22:40	OK	OK	sky.	12.5" f/8 Newtonian	south.
					Commanche Springs		134x - Very low along horizon. A large brighter oval. Has
					Astronomy Center, Crowell, TX -		small, oval brighter core surrounded by lots of faint halo
NGC 1291	1/21/2012	21:53	OK	OK	Dark Skies	20" f/4.5 Newtonian	glow. A faint field star on lower part of halo glow.
							19mm – Small, dim, oval maybe circular glow. Central part
					Deer Trail, CO. Moderately dark		bit brighter and hint of halo around it. Pretty dim and low in
NGC 1316	1/16/2009	19:42	OK	OK	sky.	12.5" f/8 Newtonian	south so hard to see its exact shape.

					Deer Trail, CO. Moderately dark		
NGC 1365	1/16/2009	19:38	OK	OK		12.5" f/8 Newtonian	19mm – Small, round, pretty dim, uniformly lit glow.
					Deer Trail, CO. Moderately dark		19mm – A brighter, circular glow with brighter central
NGC 1399	1/16/2009	19:35	OK	OK	sky.	12.5" f/8 Newtonian	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 stats, 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 outlaying 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.
							19mm - Saw dust lane. Fills 1/2 field of view. Top south
NGC 5128	5/6/2005	2:08	ОК	OK	Texas Star Party. Very dark sky.	12 5" f/8 Newtonian	lobe brighter than north. Faint field star centered in south lobe. Very faint star in west edge of dust lane.
11300.20	5, 5, 2555		J.,	<u> </u>	Table State Carry Vory dam only.		19mm - Many stars. Overfills FOV. Fairly round, uniformly
NGC 5139	5/6/2005	2:08	OK	OK	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	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.
							40mm - Large, open cluster. Many bright, young stars.
NGC 6231	5/6/2005	2:54	OK	OK	Texas Star Party. Very dark sky.	12.5" f/8 Newtonian	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.		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.

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

See: http://skinny.jeans.tripod.com/astronomy/CaldwellSilverCert.html