## THE TEXAS STAR PARTY 2012 TELESCOPE OBSERVING CLUB

## BY JOHN WAGONER TEXAS ASTRONOMICAL SOCIETY OF DALLAS

## **RULES AND REGULATIONS**

Welcome to the Texas Star Party's Telescope Observing Club. The purpose of this club is not to test your observing skills by throwing the toughest objects at you that are hard to see under any conditions, but to give you an opportunity to observe 28 showcase objects under the ideal conditions of these pristine West Texas skies, thus displaying them to their best advantage. The regular observing program is "2012". You need to observe all 28 objects to get your pin, but if you are using a smaller scope and have a little trouble with some of the objects, just mark it as "tried" and move on, and you will get credit for the object. Also, be careful of the RA and DEC in the list as they are not in order. There is a reason for this. See if you can figure it out. We are also bringing back "Lions and Tigers and Bears, Oh My!" from last year. This is a list of 25 commonly named objects.

That's it. Any size telescope can be used. All observations must be made at the Texas Star Party to qualify. All objects are within range of small (6") to medium sized (10") telescopes, and are available for observation between 9:00PM and 3:00AM any time during the TSP. Each person completing this list will receive an official Texas Star Party Telescope Observing Club lapel pin. These pins are not sold at the TSP and can only be acquired by completing the program, so wear them proudly.

To receive your pin, turn in your observations to *John Wagoner - TSP Observing Chairman* any time during the Texas Star Party. I will be at the outside door leading into the TSP Meeting Hall each day between 1:00 PM and 2:30 PM. except Saturday (10:00-11:30 AM). If you finish the list the last night of TSP, or I am not available to give you your pin, just mail your observations to me at 1409 Sequoia Dr., Plano, Tx. 75023, and I will see that you get a pin.

Good luck and good observing. Now, let's get out there and observe!!!

P.S. If you would like to see some of your favorite objects on a future TSP program, or have any ideas for a new program, let me know during TSP or email me at <a href="john@wagoner.org">john@wagoner.org</a>

For those of you who missed previous TSP's, pins for the following programs are still available:

2010 – About Face. --- 2009 – Texas Star Party 5X5 --- 2007 - Be A Sap (Shapley-Ames Person)

2006 - Eye in the Sky --- 2004 - Starlight, Starbright

2003 - The Great Celestial A.R.C." (Asterisms, Radio sources, & Clusters)

You can download these observing programs from the TSP website: www.texasstarparty.org.

**'2012'** 

Object	Туре	R.A.	Dec	Con	Size	Mag	Date	Time
NGC 4654	Glxy	12 44.0	+13 08	Vir	4.7	10.5		
NGC 4639	Glxy	12 42.9	+13 15	Vir	2.9	11.5		
NGC 4569	Glxy	12 36.8	+13 10	Vir	9.5	9.5	M90	
NGC 4552	Glxy	12 35.7	+12 33	Vir	4.2	9.8	M89	
NGC 4579	Glxy	12 37.7	+11 49	Vir	5.4	9.8	M58	
NGC 4621	Glxy	12 42.0	+11 39	Vir	5.1	9.8	M59	
NGC 4647	Glxy	12 43.5	+11 35	Vir	3.0	11.3		
NGC 4649	Glxy	12 43.7	+11 33	Vir	7.2	9.8		
NGC 4564	Glxy	12 36.4	+11 26	Vir	3.1	10.9		
NGC 4567	Glxy	12 36.5	+11 15	Vir	3.0	11.3		
NGC 4568	Glxy	12 36.6	+11 14	Vir	4.6	10.8		
NGC 4528	Glxy	12 34.1	+11 19	Vir	1.5	12.9		
NGC 4503	Glxy	12 32.1	+11 11	Vir	3.5	11.1		
NGC 6229	GbCl	16 47.0	+47 32	Her	4.5	9.4		
NGC 6341	GbCl	17 17.1	+43 08	Her	11.0	6.4	M92	
NGC 6205	GbCl	16 41.7	+36 28	Her	17.0	5.7	M13	
NGC 6058	PNeb	16 04.4	+40 41	Her	25sec	13.0		
NGC 6287	GbCl	17 05.2	-22 42	Oph	5.1	9.3		
NGC 6284	GbCl	17 04.5	-24 46	Oph	5.6	8.9		
NGC 6273	GbCl	17 02.6	-26 16	Oph	14.0	6.7	M19	
NGC 6266	GbCl	17 01.2	-30 07	Oph	14.0	6.7	M62	
NGC 4501	Glxy	12 32.4	+14 21	Com	6.8	9.5	M88	
NGC 4321	Glxy	12 23.5	+15 45	Com	7.2	9.4	M100	
NGC 4254	Glxy	12 19.5	+14 20	Com	4.5	9.9	M99	
NGC 4459	Glxy	12 29.4	+13 54	Com	3.5	10.4		
NGC 4477	Glxy	12 30.4	+13 34	Com	3.8	10.3		
NGC 4473	Glxy	12 30.3	+13 21	Com	4.5	10.1		
NGC 4216	Glxy	12 15.5	+13 08	Vir	8.1	9.9		