

# ***THE TEXAS STAR PARTY***

## ***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 20 showcase objects under the ideal conditions of these pristine West Texas skies, thus displaying them to their best advantage. The regular observing program is “**Great Celestial Arc**”. This is a list of 20 objects. So, just observe the 20 objects on the list.

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 10:00PM 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. 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 [john@wagoner.org](mailto:john@wagoner.org)

# Great Celestial Arc

OBJECT	TYPE	R.A.	DEC	CONST	SIZE	MAG	DATE	TIME
NGC2419	GC	07 38.1	+38 53	Lyn	1.7	11.5		
NGC4244	Gx	12 17.5	+37 49	CVn	14.5x1.0	10.2		
NGC5371	Gx	13 55.7	+40 28	CVn	3.4x3.2	11.4		
NGC5354	Gx	13 53.5	+40 18	CVn	2.3	11.5		
NGC5353	Gx	13 53.5	+40 17	CVn	1.3x0.6	12.1		
NGC5350	Gx	13 53.4	+40 22	CVn	3.2	11.4		
NGC4485	Gx	12 30.5	+41 42	CVn	1.5x0.8	11.6		
NGC4631	Gx	12 42.1	+32 32	CVn	15.5' X 2.7'	9.3		
NGC4490	Gx	12 30.6	+41 38	CVn	6.4' X 3.1'	9.8		
NGC4449	Gx	12 28.2	+44 06	CVn	4.1x3.4	9.4		
NGC4656	Gx	12 44.0	+32 10	CVn	19.5x2.0	10.4		
NGC4657	Gx	12 44.2	+32 12	CVn	1.2	9.8		
NGC4559	Gx	12 36.0	+27 58	Com	11.0x4.5	10.6		
NGC5907	Gx	15 15.9	+56 19	Dra	11.0x0.6	10.4		
NGC3621	Gx	11 18.3	-32 49	Hya	5x2	9.9		
NGC2683	Gx	08 52.7	+33 25	Lyn	8.0x1.3	9.7		
NGC2281	OC	06 49.3	+41 04	Aur	15	5.4		
NGC6543	PN	17 58.6	+66 38	Dra	22x16	8.8		
NGC2392	PN	07 29.2	+20 55	Gem	47x43	9.5		
NGC3242	PN	10 24.8	-18 38	Hya	40x35	8.6		