

# ***THE TEXAS STAR PARTY 2018 TELESCOPE OBSERVING CLUB***

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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 “**TSP – Twenty Stinking Planetaries**”. You need to observe **20 objects** of the 30 available 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. Pins for previous years’ lists are becoming scarce. If you want to complete a list for a pin, download the list from the TSP archive and then contact me to see if pins are available.

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)**

You can download previous years’ observing programs from the TSP website:  
[www.texasstarparty.org](http://www.texasstarparty.org).

## “TSP – TWENTY STINKING PLANETARIES”

Object	Type	R.A.	Dec	Con	Mag	Size	Date	Time
TM 1	PN	104 W	30 18 N	Marfa	4.0	30'	May use GOTO.	
NGC 5873	PN	15 12.8	-38 8	Lup	11.2	3.0"X3.0"		
NGC 5882	PN	15 16.8	-45 39	Lup	10.5	7.0"		
IC 4593	PN	16 11.7	12 4	Her	10.7	12.0"X10.0"		
NGC 6153	PN	16 31.5	-40 15	Sco	10.9	28.0"X21.0"		
NGC 6210	PN	16 44.5	23 49	Her	8.8	48.0"X8.0"		
IC 4634	PN	17 1.6	-21 50	Oph	10.9	10.0"X8.0"		
NGC 6302	PN	17 13.7	-37 6	Sco	9.6	83"		
NGC 6309	PN	17 14.1	-12 55	Oph	11.5	52.0"X52.0"		
NGC 6337	PN	17 22.3	-38 29	Sco	12.3	49.0"X45.0"		
NGC 6369	PN	17 29.3	-23 46	Oph	11.4	58.0"X34.0"		
NGC 6543	PN	17 58.6	66 38	Dra	8.1	23.0"X17.0"		
NGC 6537	PN	18 5.2	-19 51	Sgr	12	5.0"		
NGC 6572	PN	18 12.1	6 51	Oph	8.1	16.0"X13.0"		
NGC 6567	PN	18 13.7	-19 5	Sgr	11	11.0"X7.0"		
IC 4699	PN	18 18.5	-45 59	Tel	12	5.0"		
NGC 6629	PN	18 25.7	-23 12	Sgr	11.3	16.0"X14.0"		
NGC 6644	PN	18 32.6	-25 8	Sgr	12.2	2.5"		
IC 4776	PN	18 45.8	-33 21	Sgr	10.4	8.0"X8.0"		
NGC 6720	PN	18 53.6	33 2	Lyr	8.8	86.0"X62.0"	M57	
NGC 6741	PN	19 2.6	0 27	Aql	11.5	9.0"X7.0"		
NGC 6751	PN	19 5.9	-6 0	Aql	11.9	21.0"X21.0"		
IC 4846	PN	19 16.5	-9 3	Aql	12	2.0"		
IC 1297	PN	19 17.4	-39 37	CrA	10.7	8.0"X6.0"		
NGC 6781	PN	19 18.4	6 33	Aql	11.4	1.9'X1.8'		
NGC 6790	PN	19 23.2	1 31	Aql	11.4	9.6"X5.4"		
NGC 6803	PN	19 31.3	10 3	Aql	11.4	5.0"X5.0"		
NGC 6818	PN	19 44	-14 9	Sgr	9.3	22.0"X15.0"		
NGC 6826	PN	19 44.8	50 31	Cyg	8.8	27.0"X24.0"		
NGC 6853	PN	19 59.6	22 43	Vul	7.3	8.0'X5.7'	M27	