

NSP Circumpolar Challenge

Name _____ Scope Used _____

Address _____

OBJECT	TYPE	RA	DEC	D/T	DESCRIPTION
NGC 188	OC	00h 49m 47.3s	+85°23'08"		
NGC 7822	BN	00h 04m 44.7s	+67°16' 50"		
NGC 281	BN	00h 54m 17.5s	+56°44' 18"		
M 52	OC	23h 25m 48.7s	+61°42' 39"		
NGC 2403	GX	07h 38m 56.6s	+65°33' 15"		
NGC 3172	GX	11h 49m 31.9s	+88°58' 25"		
NGC 6503	GX	17h 49m 15.8s	+70°08' 25"		
NGC 6689	GX	18h 34m 39.0s	+70°32' 36"		

NGC 7686	OC	23h 31m 12.4s	+49°15' 17"		
IC 3568	PN	12h 33m 00.9	+82° 37' 49"		
NGC 663	OC	01h 47m 48.8s	+61°19' 33"		
NGC 7023	BN	21h 01m 54.6s	+68°15' 22"		
NGC 6939	OC	20h 31m 59.1s	+60°44' 14"		
CALDWELL 9	BN	22h 58m 47.9s	+62°38' 22"		

D/T= Date/Time

Your description should include:

Filter and magnification used;

The shape of the object (ie\ elongated, round irregular);

Is the object: diffuse? faint? smooth? mottled?

Can you see other, non stellar, objects near by? See if you can identify them. A sketch of the field may help.

OC= Open Cluster

BN= Bright Nebula

GX= Galaxy

PN= Planetary Nebula