

Cygnus - The Swan

CR 419		Open Cluster IV2p	
Aug 24 2005 8"	19mmW	R=F, LOOSE GROUP, SOME NEBULASITY	
CR 421		Open Cluster III1pn	
Aug 24 2005 8"	19mmW	R=F, LOOSE GROUP, FEWER STARS	
CR 428		Open Cluster IV1pn	
Aug 24 2005 8"	19mmW	R=F, LOOSE GROUP, FEWER STARS	
CR 470		Galaxy	
Jun 20 2007 1.9"	12x50	F,S,R=F, HINT-NEBULOSITY, INV. W/IC 5146	
Jun 26 2004 8"	25mmPL	INVOLVED W/ IC 5146	
HENIZ 2-438		Planetary Neb 4	
Aug 18 2010 12"	26mm	PF,VS,R=F,STELLAR IN APPEARANCE,OIII FILTER	
IC 1301		Galaxy Scd:	
Aug 13 2010 31"	17mmT4	CF,PS,OVAL,UB,NND,R=F	
Jul 27 2009 16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
IC 1302		Galaxy SAB(s)c?	
Aug 13 2010 31"	17mmT4	PF,CS,OVAL,MEXT,UB,NND,R=F	
Jul 27 2009 16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
IC 1303		Galaxy SAc:	
Aug 13 2010 31"	17mmT4	PF,CS,OVAL,PEXT,UB,NND,R=F	
Jul 27 2009 16"	11mmT6	VF,VS,OVAL,NND,AV,R=F	
IC 1311		Open Cluster 17.0 I 1 r n	
Aug 02 2005 8"	19mmW	NICE CLUSTER, NICER NEBULA	
IC 1318		Nebula E	
Aug 18 2010 12"	26mm	F,PL,R=G,IRREGULAR SHAPE,LARGE,OIII FILTER	
IC 1369		Open Cluster 12.1 II 2 m	
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
IC 1392		Galaxy S0-:	
Jul 23 2006 8"	7.5mmW	VF,ES,OVAL,NND,AV,R=F	
IC 4867		Galaxy S0	
Aug 13 2010 31"	17mmT4	PF,PS,OVAL,MEXT,FNUC,R=F	
Jul 27 2009 16"	11mmT6	PF,PS,OVAL,NND,AV,R=F	
IC 4996		Open Cluster 8.0 II 3 p n	APPROX 15 STARS
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	

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IC 5067		Nebula EN	
Jul 24 2006 8"	25mmPL	PF,CL,R=F	
IC 5068		Nebula E	
Aug 18 2010 12"	26mm	PF,PL,R=P,ROUGHLY-RECTANGULAR SHAPE,DIM,OIII FILTER	
IC 5070		Non-Existent	
Jul 19 2017 12"	27m PN	F,PL,R=F.	
Jul 15 2015 12"	35mm A	LP2 FILTER - VERY NICE OBJECT	
Jun 20 2007 1.9"	12x50	PF,VL,R=F, HINT OF NEBULOSITY	
Aug 02 2005 8"	19mmW	L,F,R=F	
IC 5076		Nebula E	
Nov 13 2007 8"	11mmT6	PF,PS,HINT OF NEBULOSITY,R=F	
IC 5117		Planetary Neb 2	
Jul 23 2006 8"	11mmT6	F,VS,R,AV,R=F	
IC 5146		Nebula E	
Jun 20 2007 1.9"	12x50	F,S,R=F, HINT OF NEBULOSITY	
Jun 26 2004 8"	7.5mmW	INVOLVED WITH CR 470	
NGC 6764		Galaxy SB(s)bc	PF,PL,ME,SEVVF*INV
Jul 21 2004 8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
NGC 6783		Galaxy C	EF,DIFFIC
Jul 21 2004 8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
NGC 6798		Galaxy S0	F,VS,R,*VNR
Jul 21 2004 8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
NGC 6801		Galaxy SAcd	EF,PS,R,F*S NR
Jul 21 2004 8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
NGC 6811		Open Cluster 11.0 III 1 r	CL,L,PRI,LC,ST11..14
Oct 30 2007 1.9"	12x50	F,PS,R=F	
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC 6819		Open Cluster 11.0 I 1 r	CL,VL,VRI,*11...15
Oct 08 2006 1.9"	12x50	N.S.R=F, TIGHTER GROUP	
Jul 16 2004 8"	25mmPL	CLEAR - SEEING NOT TOO BAD	
NGC 6824		H878-2 Galaxy SA(s)b:	PB,IF,BM
Nov 13 2007 8"	11mmT6	CF,CS,R,UB,NND,R=F	
Jul 21 2004 8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
NGC 6826		H73-4 Planetary Neb 3a+2	PLN,B,PL,R,*11M

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NGC 6826		H73-4	Planetary Neb 3a+2	PLN,B,PL,R,*11M
Jul 19 2017 12"	11mmT6	F,PS,R=G.	SQM=20.01. 71 DEGREES OUT.	
Aug 13 2010 31"	17mmT4	B,S,R=F,	CENTRAL STAR OBSERVED AND NOTED	
Nov 13 2007 8"	11mmT6	PB,PS,R,R=G,	NO CENTRAL STAR	
Oct 13 2006 8"	19mmW	VF,PS,R=F		
Sep 04 2004 8"	11mmT6	FAINT		
NGC 6833			Planetary Neb 2	PLN,STELLAR
Aug 13 2010 31"	17mmT4	CF,VVS,R=F.	STELLAR IN APPEARANCE	
NGC 6834		H16-8	Open Cluster 11.0 II 2 m	CL,P,LC,*11...12
Jul 23 2006 8"	19mmW	PB,PS,R=F,	LOOSE GROUP	
Jul 16 2004 8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
NGC 6846			Open Cluster 12.8 II 2	EF,VS,3*INV
Aug 13 2010 31"	17mmT4	F,CS,R=F		
Jul 27 2009 16"	11mmT6	PF,VS,R=F		
NGC 6857		H144-3	Nebula HII	F,AM MILKY WAY ST
Aug 02 2005 8"	19mmW	MB,VL,HISB,R=G		
NGC 6866		H59-7	Open Cluster 10.0 II 2 r	CL,L,VRI,CC
Jul 23 2006 8"	19mmW	PB,PS,R=F,	EXTENDED GROUP	
Jul 16 2004 8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
NGC 6871			Open Cluster 6.8 II 2 p n	CL,ST L\$,D*INV
Oct 30 2007 1.9"	12x50	B,S,R=F		
Oct 13 2006 8"	19mmW	B,L,R=F		
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
NGC 6874		H86-8	Non-Existent	CL,P,LC
Jul 27 2009 16"	11mmT6	PB,PS,,	LOOSE GROUP, R=F	
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
NGC 6881			Planetary Neb 2a+3	PLN,STELLAR
Aug 13 2010 31"	17mmT4	PF,VS,R=P.	STELLAR IN APPEARANCE - NO CENTRAL STAR!	
Jul 27 2009 16"	7.5mmW	VF,VS,R=F,	NO VISIBLE CENTRAL STAR	
NGC 6883			Open Cluster IV 2 m n	CL,PRI,**INV
Oct 30 2007 1.9"	12x50	PB,S,R=F		
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
NGC 6884			Planetary Neb 2b	PLN,STELLAR
Jul 23 2006 8"	11mmT6	VF,VS,AV,R=F		
NGC 6888		H72-4	Nebula E	F,VL,VME,**ATT
Oct 12 2012 18"	17mmT4	FINE OBJECT IN JOHN'S 20" OBSESSION,	OIII FILTER	

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NGC 6888		H72-4	Nebula E	F,VL,VME,**ATT
Oct 12 2012	36"	17mmT4	FINE NEBULA IN CYGNUS, OUTSTANDING OBJECT, OIII FILTER	
Jul 24 2006	8"	25mmPL	PF,PL,PATCHEY,R=F	
NGC 6894		H13-4	Planetary Neb 4+2	RINGNEB,F,S,VVLE
Aug 13 2010	31"	17mmT4	F,PS,R=F. OVAL PATCH - NO CENTRAL STAR NOTED	
Jul 27 2009	16"	11mmT6	PF,PS,ROUND, NO VISIBLE CENTRAL STAR,R=F	
NGC 6910		H56-8	Open Cluster 9.6 I 3 m n	CL,PB,PS,P,PC,*20.12
Oct 08 2006	1.9"	12x50	PF,PS,R=F	
Jul 23 2006	8"	19mmW	CB,PS,R=F,BRIGHTER,TIGHTER	
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC 6913		M29	Open Cluster 9.0 II 3 m n	CL,P,LC,STL\$\$
Jul 19 2017	12"	17mmT4	VERY NICE. R=G	
Jul 01 2016	12"	35mm A	B,L,R=G	
Mar 16 2012	18"	17mmAT	2012 M.M.	
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Aug 31 2010	12"	17mmAT	NIGHT ENDING EYE CANDY	
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009	
Aug 16 2006	1.9"	12x50	B,S,R=F	
Mar 27 2006	8"	19mmW	S,LOOSE,R=F	
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR	
NGC 6914			Nebula R	VF,VL,IR,DIF,2*ATT P
Jul 24 2006	8"	25mmPL	PF,PS,PATCHY,R=F	
NGC 6914A			Nebula R	
Aug 18 2010	12"	11mmT6	CF,PS,R=F,FAINT HINT OF NEBULOSITY, OIII FILTER, STARS 5+	
NGC 6914B			Nebula R	
Aug 18 2010	12"	11mmT6	CF,PS,R=P,FAINT HINT OF NEBULOSITY,OIII FILTER STARS 2	
NGC 6916			Galaxy SBbc	EEF,PS,F*NR P,VDIFFI
Jul 21 2004	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.	
NGC 6960		H15-5	Nebula E	PB,CL,EIF,KAPPACYGIN
Jul 19 2017	12"	27m PN	F,L,R=E. LP2. NICE CONTRAST	
Jul 01 2016	12"	35mm A	GREAT,R=E!! LP2 FILTER	
Jul 25 2011	12"	32mmUV	B,VL,R=E!! LP-2 FILTER, EXTENDS N.E. TO S.W WITH N.E. LARGER	
Jun 20 2007	1.9"	12x50	PF,PL,R=F, HINT OF NEBULOSITY	
Jul 16 2004	8"	25mmPL	CLEAR - SEEING NOT TOO BAD	
NGC 6974			Nebula EN	NEB*,NEBY CE PF
Aug 07 2016	12"	27m PN	BRIGHT,LARGE,R=E. LP3.	
Aug 18 2010	12"	11mmT6	CF,PS,R=P,LONG-NARROW,OIII FILTER	

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NGC 6979		H206-2	Non-Existent	
Aug 07 2016 12"	27m PN	BRIGHT,LARGE,F=E. LP3. SQM-19.81, 62 DEGREES F.		
Jun 20 2007 1.9"	12x50	PF,PL,R=F, HINT OF NEBULOSITY		
NGC 6991		H76-8	Open Cluster 5.7 III 2 n	CL,L,P,VLC
Nov 13 2007 8"	11mmT6	PB,PL,R=G,STARS=30+, 3 ROWS?		
NGC 6992		H14-5	Nebula E	EF,EL,EE,EIF,BIFID
Jul 01 2016 12"	35mm A	GREAT,R=E!! LP2 FILTER		
Jul 25 2011 12"	32mmUV	B,L,R=E! LP-2 FILTER, WISPY FILEMENTS		
Jun 20 2007 1.9"	12x50	PF,L,R=F, HINT OF NEBULOSITY		
Jun 26 2004 8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
NGC 6995			Non-Existent	F,EL,NEB\$ST INGROUPS
Jul 19 2017 12"	27m PN	F,L,R=E!! LP2 FILTER. SHOWPIECE OBJECT.		
Jun 20 2007 1.9"	12x50	PF,PL, R=F, HINT OF NEBULOSITY		
Aug 02 2005 8"	19mmW	VB,VL,PATCHY,R=G. NEAT		
NGC 6996			Open Cluster 11.0 III 2 m n	CL,P,LC
Aug 18 2010 12"	11mmT6	F,S,R=F,NICE GROUPING, STARS 20+		
NGC 6997		H58-8	Open Cluster III 2 m n	CL,P,LC,ST L
Nov 13 2007 8"	11mmT6	PF,PS,LOOSE GROUP, R=F		
Aug 23 2004 8"	11mmT6	DAMP - SEEING NOT TOO BAD.		
Jul 16 2004 8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
NGC 7000		H37-5	Nebula E	F,EEL,DIF NEBULOSITY
Jul 19 2017 12"	35mm A	OUTSTANDING.		
Jul 01 2016 12"	35mm A	GREAT,R=E!! LP2 FILTER		
Aug 21 2015 12"	35mm A	LP2 FILTER		
Jul 15 2015 12"	35mm A	LP2 FILTER - VERY NICE OBJECT		
Jul 25 2011 12"	32mmUV	B,VL,R=E!! LP-2 FILTER, OUTSTANDING		
Jun 20 2007 1.9"	12x50	F,EL,R=G, LITTLE BETTER		
Aug 02 2005 8"	19mmW	PRETTY LARGE, PRETTY BRIGHT, PRETTY NEAT		
NGC 7008		H192-1	Planetary Neb 3	CB,L,E45,R,**ATT
Aug 02 2005 8"	19mmW	FB,FL,R=G, BEHIND STAR		
NGC 7013		H203-2	Galaxy SA(r)0/a	PB,CS,R,PSBM,PB*NP
Jul 21 2004 8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.		
NGC 7024		H57-8	Non-Existent	CL,P,LC,ST10...
Jul 27 2009 16"	11mmT6	PF,PS,R=F, SMALL GROUP		
NGC 7026			Planetary Neb 3a	PB,BIN,PLN
Aug 24 2005 8"	11mmT6	MF,MS,PATCHY,AV,R=F		

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NGC 7027			Planetary Neb 3a	PLN,STELLAR=8.5M
Aug 24 2005	8"	7.5mmW	VB,VS,R,R=F	
NGC 7031			H74-8	Open Cluster 11.3 III 2 m
Jul 24 2006	8"	11mmT6	CF,CS,R=F	CL OF TRIP ST,LC
NGC 7039			Open Cluster 11.3 IV 2 m	CL,VL,PRI,E,ST,10...
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC 7044			H24-6	Open Cluster 15.0 I 1 r
Jul 23 2006	8"	19mmW	B,S,R=F	CL,VF,PL,VRI,VC
NGC 7048			Planetary Neb 3b	PF,PL,DIF,IR,VLBM
Aug 24 2005	8"	7.5mmW	VF,ML,PATCHY,AV,R=F	
NGC 7062			H51-7	Open Cluster 10.1 II 2 m
Jul 23 2006	8"	19mmW	PB,PS,R=F	CL,PS,PRI,PC,ST13...
NGC 7063			Open Cluster 8.9 III 1 p	CL,P,ST10...
Oct 08 2006	1.9"	12x50	F,S,R=F	
Jul 24 2006	8"	11mmT6	CF,S,R=F	
NGC 7067			H50-7	Open Cluster 11.2 II 1 p
Jul 24 2006	8"	11mmT6	CF,VS,R=F	CL,P,(NEB)
NGC 7071			Non-Existent	CL,S,C,CE
Aug 24 2005	8"	11mmT6	R=P, DISAPPOINTING	
NGC 7082			H52-7	Open Cluster 9.9 IV 2 p
Nov 13 2007	8"	11mmT6	PF,PS,R=F	CL,L,CRI,LC,ST10..13
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
NGC 7086			H32-6	Open Cluster 10.2 II 2 m
Jul 23 2006	8"	19mmW	PB,PS,R=F	CL,CL,VRI,PC,*11..16
NGC 7092			M39	Open Cluster 7.0 III 2 m
Jul 19 2017	12"	17mmT4	LARGER THAN M29	CL,VL,VP,VLC,*7...10
Jul 01 2016	12"	35mm A	B,S,R=G	
Aug 21 2015	12"	17mmT4		
Mar 16 2012	18"	17mmAT	2012 M.M.	
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009	
Aug 16 2006	1.9"	12x50	B,S,R=F	
Mar 27 2006	8"	19mmW	S,LOOSE,R=F	
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR	

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NGC 7116		Galaxy S?	VF,PL,ME
Jul 21 2004	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.
NGC 7127		Open Cluster IV 1 p	CL,S,P,LC
Jul 23 2007	8"	19mmW	PF,CS,R=F,SMUDGE, NO STARS
NGC 7128		H40-7	Open Cluster 11.5 I 3 m
Jul 23 2006	8"	19mmW	PF,CS,R=F,SMUDGE, NO STARS
PGC 63211		Galaxy S	
Aug 13 2010	31"	17mmT4	CF,VS,R,UB,NND,R=F
PGC 63311		Galaxy Sb	
Jul 25 2011	12"	7mm TV	VF,VS,OVAL,UB,NNS,R=F,AV1
PGC 63440		Galaxy S0-:	
Jul 25 2011	12"	7mm TV	VF,VS,OVAL,UB,NND,R=P,AV1
PGC 63529		Galaxy SAB(s)0-	
Jul 21 2004	8"	25mmPL	SHORT NIGHT - CLOUDS ROLLED IN.
PGC 63552		Galaxy S?	
Jul 25 2011	12"	7mm TV	VF,VS,OVAL,UB,NND,R=P
PGC 63766		Galaxy SAB(s)bc	
Jul 25 2011	12"	7mm TV	VF,CS,OVAL,NND,R=P
PGC 67049		Galaxy SAB0^	
Jul 25 2011	12"	7mm TV	VF,VS,OVAL,UB,NND,R=F
Jul 19 2011	12"	7mm TV	VF,VS,OVAL,UB,NND,R=P
PGC 67246		Galaxy SB?	
Jul 25 2011	12"	7mm TV	VF,VS,OVAL,UB,NND,R=P,AV4
PK 64+5.1		Planetary Neb 4	
Aug 24 2005	8"	7.5mmW	VF,VS,R,AV,R=F