

Cygnus - The Swan

ABELL 78		Planetary Neb	PK81-14.1
Sep 18 2004 31"	17mmT4	VDIF,W/OIII,VF,ML,CENTRAL * APPROX 13TH MAG,R,AREA OF NEB DETECTED,R=F	
B 349		Nebula	DARK NEBULA
Sep 18 2004 31"	25mm	VF,ML,DARK NEBULA,BLACK HOLE DET IN MIDDLE OF RICH * FOV,R=G	
DOL 8		Open Cluster I 2pn	DOLIDZE 8
Sep 11 2004 31"	17mmT4	PB,ML,APPROX 15*S,LOOSLY SCATTERED,NICE IN FOV,ON EDGE OF 6914A,R=F	
HENIZ 2-450		Planetary Neb 1	PK68+3.1
Jun 19 2004 31"	17mmT4	PF,ES,WITH OIII,VERY STELLAR LIKE,SOMEWHAT BLUE,R=F	
IC 1301		Galaxy S0-a	IC 4867
May 16 2004 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P	
IC 1302		Galaxy SBc	
Sep 11 2004 31"	17mmT4	PF,MS,OVAL,PATCH,SMALL FNUC,BETWEEN *S ON BOTH SIDES,R=G	
May 16 2004 31"	17mmT4	PF,VS,PATCH,UB,NND,CLOSE TO F*,R=P	
IC 1303		Galaxy Sc	
Sep 11 2004 31"	17mmT4	PF,MS,OVAL,UB,4F*S IN A LINE IN GAL,5 *S TOTAL,R=F	
IC 1311		Open Cluster II3rn	
Sep 11 2004 31"	25mm	PF,VL,NICE IN FOV,APPROX 10*S,SAME MAGNITUDE,FEW B*S IN FOV,R=G	
IC 1318		Nebula EN	LBN 245
Sep 11 2004 31"	25mm	VDIF,VF,EL,W/OIII,VERY LARGE SEVERAL FOV'S,SCAN AREA,NEB DETECTED,R=F	
IC 1369		Open Cluster I1m	
Sep 18 2004 31"	25mm	MB,ML,APPROX 30*S,WELL PLACED,CLUSTERED WELL,APPROX SAME MAG,R=G	
IC 1392		Galaxy E-S0	
Sep 18 2004 31"	17mmT4	MB,ML,ELONG,LARGE BNUC,BETWEEN *S,SLIGHTLY BM,MOD HISB MIDDLE,PAIR=PGC,R=G	
IC 4867		Galaxy S0	
May 16 2004 31"	17mmT4	MF,MS,OVAL,SMALL BNUC,PAIRS=6783/OTHERS,R=G	
Jun 21 2003 12.5"	9mmT6	MB,PS,R,BNUC,MOD HISB,LARGE BRT NUC,GBMB,COMP=PGC63211,R=G	
IC 4996		Open Cluster I3p APPROX 15 STARS	
Jun 23 2003 12.5"	9mmT6	EB,PL,APPROX 20*,3B*S IN CENTER WITH FAINTER *S,VARIOUS MAGNITUDES,R=G	
IC 5067		Non-Existent EN	IC 5070 LBN 353
Sep 18 2004 31"	25mm	EDIF,EF,EL,SEVERAL FOV'S,SCAN AREA,NEB PATCHES DET,R=P	
IC 5068		Nebula EN	LBN 328
Sep 18 2004 31"	25mm	VDIF,EF,EL,SEVERAL FOV'S,SCAN AREA,VF NEB PATCHES DETECTED,R=P	

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IC 5076		Nebula RN	LBN 394
Sep 18 2004 31"	25mm	DIF,W/OIII,MF,PL,SHISB,NEB EASILY DET AROUND B*,AV REVEALS MORE NEB,R=G	
IC 5117		Planetary Neb PN	PK 89-5.1
Sep 18 2004 31"	17mmT4	MB,VS,R,HISB,W/OIII,* CLOSE BY,BRT BLUE,VERY SMALL DISC,FNEB DET WITH AV,R=F	
IC 5146		Nebula EN+OC	
Sep 18 2004 31"	25mm	VDIF,VF,PL,HINT OF NEB DET,SMALL CLUSTER OF APPROX 6*S,OIII DOES NOT HELP,R=P	
KOH 4-37		Planetary Neb	KOHOUTEK 4-37 PK66+2.1
Jun 19 2004 31"	17mmT4	VDIF,EF,PS,WITH OIII,EXTREMELY DIF,KOHOUTEK 4-34,R=P	
KOH 4-41		Planetary Neb	KOHOUTEK 4-41 PK68+1.1
Sep 11 2004 31"	17mmT4	EF,ES,PATCH,W/OIII,JUST OUTSIDE 3 F*S.R=P	
MAC 1916+4604		Galaxy	
May 16 2004 31"	17mmT4	PF,PS,OVAL,PATCH,UB,NND,PAIRS=6783/OTHERS,R=F	
NGC 6764		Galaxy SBbc	PF,PL,ME,SEVVF*INV
Jun 01 2003 12.5"	9mmT6	DIF,MF,PL,ELONG,PATCH,NND,R=F	
Jul 06 2002 12.5"	16mm	VDIF,PF,ML,UB,PATCHY	
NGC 6783		Galaxy C	EF,DIFFIC
May 16 2004 31"	17mmT4	MF,MS,OVAL,LARGE FNUC,PAIRS=P63211/IC4867,MAC,R=F	
NGC 6798		Galaxy S0	F,VS,R,*VNR
Jun 21 2003 12.5"	9mmT6	MB,MS,OVAL,R,BNUC,MOD HISB,GMBM,R=F	IC 1300
Jul 06 2002 12.5"	16mm	EDIF,EF,PS,ELONG,PATCH,COMES AND GOES WITH AVERTED VISION,2F*S OFF ONE EDGE	
NGC 6801		Galaxy Sc	EF,PS,R,F*S NR
Jun 21 2003 12.5"	9mmT6	MB,ML,OVAL,*NUC,VF* IN GAL AND AROUND GAL,R=F	
NGC 6811		Open Cluster IV3p	CL,L,PRI,LC,ST11..14
Jun 06 1981 12.5"	16mm	VB,VL	
NGC 6819		Open Cluster I1r	CL,VL,VRI,*11...15
Sep 04 2002 12.5"	32mm	VP,VL,NICELY PLACED,APPROX 50*S,*S SIMUAR MAG	
NGC 6824		H878-2 Galaxy Sab	PB,IF,BM
Jun 21 2003 12.5"	9mmT6	VB,VL,BNUC,VERY HISB,F* OFF TO EDGE,LARGE BRT NUC,GMBM,R=E	
Jul 06 2002 12.5"	16mm	DIF,PF,MS,OVAL PATCH,UB,12MAG * CLOSE BY	
NGC 6826		H73-4 Planetary Neb PN	PLN,B,PL,R,*11M
Jul 24 1981 12.5"	16mm	GREENISH,BLINKING PLANTARY,CENT * EASILY BLINKS WHEN LOOKING AT CENTER	Blinking Planetary
Jul 24 1981 12.5"	7mm	CENTRAL * NO LONGER BLINKS	
Jun 20 1980 12.5"	9mm	BRT CENTRAL * EASILY SEEN	
Jun 17 1980 12.5"	16mm	GREAT,GREENISH BLUE COLOR,USE BARLOW AND 16MM	

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NGC 6833			Planetary Neb PN	PLN,STELLAR	PK 82+11.1
Sep 11 2004	31"	17mmT4	VB,PS,R,HISB,W/OIII,BRT BLUE BALL,FAINT OUTER HALO DET,R=G		
NGC 6834			H16-8	Open Cluster II2m	CL,P,LC,*11...12
Sep 19 1984	12.5"	16mm	SAME,MB,MS,LARGE DARK NEB NORTH SEVERAL DEGREES,STANDS OUT WELL		
Jul 30 1981	12.5"	24mm	MB,ML,EASILY DET,B* IN CENTER,SMALL CLUSTERING TO N SIDE		
NGC 6846			Open Cluster IV1p	EF,VS,3*INV	
Sep 11 2004	31"	17mmT4	PF,MS,APPROX 50*S,NICE IN 17MM,VARIOUS MAGNITUDES,BACKGROUND GLOW,R=G		
NGC 6857			H144-3	Nebula EN	F,AM MILKY WAY ST
Jul 24 1981	12.5"	12mm	DIF,3 OR 4 F*S IN NEB,PATCHY		
NGC 6866			H59-7	Open Cluster II2m	CL,L,VRI,CC
Jun 06 1981	12.5"	16mm	MB,MS		
NGC 6871			Open Cluster IV3p	CL,ST L\$,D*INV	
Sep 11 2004	31"	25mm	VB,EL,APPROX 20*S,LOOSLY SCATTERED,VARIOUS MAGNITUDES,R=F		
NGC 6881			Planetary Neb PN	PLN,STELLAR	PK 74+2.1
Sep 18 2004	31"	17mmT4	W/OIII,VF,VS,R,FIND FIRST WITH 25MM & * HOPPING,BLUEISH,VF HALO DET,R=F		
NGC 6883			Open Cluster I3p	CL,PRI,**INV	
Jun 23 2003	12.5"	9mmT6	EB,EL,APPROX 30*,LOOSE,SCATTERED,R=F		
NGC 6884			Planetary Neb PN	PLN,STELLAR	PK 82+7.1
Jul 24 1981	12.5"	12mm	NOT SURE OF FIND,IN VOID BARREN * FIELD,DIF NEB SUSP		
NGC 6888			H72-4	Nebula EN	F,VL,VME,**ATT
Sep 04 2002	12.5"	25mm	PB,PL,BRT NEBULA,2B*S WITH GLOW OF NEB BETWEEN AND AROUND *S		
Sep 04 2002	12.5"	32mm	NEB EASILY DETECTED		
NGC 6894			H13-4	Planetary Neb PN	RINGNEB,F,S,VVLE
Sep 04 2002	12.5"	9mmT6	MF,PS,UB,OVAL,CENTRAL REGION DARK PATCH,ONE SIDE SLIGHTLY BRIGHTER		
NGC 6910			H56-8	Open Cluster I2p	CL,PB,PS,P,PC,*20.12
Aug 13 1982	12.5"	24mm	VERY LOOSE,APPROX 20 *S,PB,PL		
NGC 6913	M29		Open Cluster III3p	CL,P,LC,STL\$\$	M 29
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
Jun 23 2003	12.5"	9mmT6	EB,EL,APPROX 50*,VARIOUS MAGNITUDES,WELL PLACED IN 9MM,R=G		
Jul 24 1981	12.5"	16mm	MB,ML		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981		
Jul 05 1980	12.5"	24mm			
Jun 20 1980	12.5"	24mm			
NGC 6914			Nebula BN	VF,VL,IR,DIF,2*ATT P	LBN 274

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NGC 6914		Nebula BN	VF,VL,IR,DIF,2*ATT P	LBN 274
Sep 11 2004 31"	17mmT4	DIF,PF,VL,BRT NEB,AREAS OF NEB DET,BETTER W/O OIII,PAIRS=6914A,6914B,,DOL8,R=G		
NGC 6914A		Nebula BN		LBN 274
Sep 11 2004 31"	17mmT4	DIF,PF,ML,BRT NEB,BETTER W/O OIII,LESS NEB THEN OTHER PAIRS,R=F		
NGC 6914B		Nebula BN		
Sep 11 2004 31"	17mmT4	DIF,PF,VL,BRT NEB,AREAS OF NEB DET,BETTER W/O OIII,PAIRS=6914,6914A,DOL8,R=G		
NGC 6916		Galaxy SBbc	EEF,PS,F*NR P,VDIFFI	
Jun 22 2003 12.5"	9mmT6	VDIF,VF,PS,PATCH,UB,NND,AV COMES AND GOES,2F*S IN GAL,R=P		
NGC 6960		H15-5 Nebula SNR	PB,CL,EIF,KAPPACYGIN	Veil Nebula
Sep 04 2002 12.5"	32mm	PB,EL,SNR,WHIPS ON BOTH SIDES OF B* EASILY DETECTED,PARTS OF SNR HAVE HISB		
NGC 6974		H206-2 Nebula EN	NEB*,NEBY CE PF	NGC 6979
Sep 11 2004 31"	17mmT4	EDIF,VF,EL,SNR,DET NEB MORE ON NORTHERN EDGE THAN SOUTHERN,R=F		
NGC 6991		H76-8 Open Cluster OCL	CL,L,P,VLC	
Sep 04 2002 12.5"	32mm	VB,EL,APROX 50*S,*S SIMULAR IN BRIGHTNESS,RICH * FIELD		
NGC 6992		H14-5 Nebula EN	EF,EL,EE,EIF,BIFID	NGC6995 NETWORK NEBULA
Sep 04 2002 12.5"	32mm	VB,EEL,SNR,HISB,ARC GOES 2 FOV'S		
NGC 6996		Open Cluster III2p	CL,P,LC	
Sep 18 2004 31"	25mm	PB,PL,APPROX 25I'S,SIMULAR MAG,WELL PLACED,*S CLUSTERED LOOSLY,R=G		
NGC 6997		H58-8 Open Cluster III2p	CL,P,LC,ST L	
Sep 04 2002 12.5"	32mm	VB,EL,APPROX 40*S VARYING IN BRIGHTNESS,WELL PLACED IN 32MM		
NGC 7000		H37?-5 Nebula EN	F,EEL,DIF NEBULOSITY	North American Nebula
Aug 13 1982 12.5"	32mm	FITS WELL IN EYEPIECE,FIRST TIME SEEN THIS WELL, IMPRESSIVE!!!		
Aug 11 1982 12.5"	32mm	EL,ONLY SERTAIN OUTLINES DET,HUNDREDS OF *S WITH COSTAL LINE EFFECT		
NGC 7008		H192-1 Planetary Neb PN	CB,L,E45,R,**ATT	PK 93+5.2
Aug 11 1982 12.5"	16mm	MF,PL,BG COLOR,NW PART BRT,PATCHY-R,CENTRAL 14* DET,LOC E OF A FEW *S		
NGC 7013		H203-2 Galaxy S0-a	PB,CS,R,PSBM,PB*NP	
Sep 18 2004 31"	17mmT4	PB,PL,ELONG,LARGE BNUC,MOD HISB,LARGE FARMS,HISB MIDDLE,VF* OFF NUC,SBM,R=G		
NGC 7026		Planetary Neb PN	PB,BIN,PLN	PK 89+0.1
Jul 24 1981 12.5"	12mm	DIF THROUGHOUT,9-10* W APPROX 20 SEC,UB,ELONG IN SHAPE		
NGC 7027		Planetary Neb PN	PLN,STELLAR=8.5M	PK 84-3.1
Jun 06 1981 12.5"	16mm	BLUE GREENISH,MB,PL		
NGC 7031		H74-8 Open Cluster IV1p	CL OF TRIP ST,LC	

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NGC 7031		H74-8	Open Cluster IV1p	CL OF TRIP ST,LC	
Sep 04 2002	12.5"	32mm	PB,PL,FEW B*S WITH MANY F*S,ELONG IN SHAPE		
NGC 7039			Open Cluster III2p	CL,VL,PRI,E,ST,10...	
Sep 18 2004	31"	25mm	VB,EL,V RICH AREA OF *S,CLUSTER LOST IN BACKGROUND,R=P		
NGC 7044			H24-6	Open Cluster II2r	CL,VF,PL,VRI,VC
Aug 11 1982	12.5"	24mm	DIF,MF,VL,ELONG,10-20 B*S SURROUNDED BY HUNDREDS F*S,FAINT GLOW W/AVERTED VIS		
NGC 7048			Planetary Neb PN	PF,PL,DIF,IR,VLBM	PK 88-1.1
Jun 06 1981	12.5"	16mm	GREENISH,DIF,MF,PL		
NGC 7062			H51-7	Open Cluster III1p	CL,PS,PRI,PC,ST13...
Aug 11 1982	12.5"	24mm	MB,ML,UNIFORM DIST,FEW B*S WITH F*S,R,APPROX 50*S		
NGC 7063			Open Cluster III2p	CL,P,ST10...	
Sep 18 2004	31"	25mm	PB,VL,APPROX 10*S,VARIOUS MAG,LOOSLY SCATTERED,FILLS FOV,R=F		
NGC 7067			H50-7	Open Cluster II2p	CL,P,(NEB)
Sep 04 2002	12.5"	32mm	PB,PS,APPROX 20*S,FAINT PATCH IN CLUSTER		
NGC 7082			H52-7	Open Cluster IV2p	CL,L,CRI,LC,ST10..13
Sep 04 2002	12.5"	32mm	PB,VL,APROX 20-30 *S,LOC IN RICH * FIELD,DOES NOT STAND OUT WELL		
NGC 7086			H32-6	Open Cluster II2m	CL,CL,VRI,PC,*11..16
Aug 11 1982	12.5"	24mm	MB,PL,APPROX 80*S,SOMEWHAT DIVIDED IN CENTER,9...11 MAG *S		
NGC 7092	M39		Open Cluster III2p	CL,VL,VP,VLC,*7...10	M 39
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981		
Jun 17 1980	12.5"	24mm			
NGC 7116			Galaxy Sbc	VF,PL,ME	
Sep 18 2004	31"	17mmT4	MF,ML,ELONG,UB,NND,VF* IN TIP,SOMEWHAT HISB,R=G		
NGC 7127			Open Cluster IV2p	CL,S,P,LC	
Sep 18 2004	31"	17mmT4	PB,ML,APPROX 10*S,SIM IN MAG,LOOSLY SCATTERED,NICE IN 17MM,R=F		
NGC 7128			H40-7	Open Cluster II3m	CL,S,PRI,HASARUBY*9
Aug 11 1982	12.5"	24mm	MB,PS,5 OR 6 B*S CIRCLING FAINTER *S,STANDS OUT WELL,APPROX 40 *S		
PGC 63211			Galaxy S		
May 16 2004	31"	17mmT4	EF,ES,PATCH,NND,SUSP,LOC GOOD,PAIRS=6783/OTHERS,R=P		
Jun 21 2003	12.5"	9mmT6	VDIF,EF,MS,PATCH,UB,COMP=IC4867,AV,R=P		
PGC 63299			Galaxy Scd		
Sep 11 2004	31"	17mmT4	DIF,VF,MS,OVAL,UB,NND,2 VERY F*S IN GAL		

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PGC 67025

Galaxy S0

Sep 18 2004 31" 17mmT4 MF,MS,ELONG,PATCH,* IN EDGE,SOMEWHAT BM,PAIR=IC1392,R=F