

Cygnus - The Swan

CR 419			Open Cluster IV2p
Jul 08 2019	12"	11mmT6	B,PS,R=G
Aug 24 2005	8"	19mmW	R=F, LOOSE GROUP, SOME NEBULASITY
CR 421			Open Cluster III1pn
Jul 08 2019	12"	11mmT6	F,S,R=G. CAN SEE ABOUT A DOZEN MEMBERS.
Aug 24 2005	8"	19mmW	R=F, LOOSE GROUP, FEWER STARS
CR 428			Open Cluster IV1pn
Jul 08 2019	12"	11mmT6	F,S,R=G. SURROUNDED BY NEBULA.
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
Jun 24 2020	12"	13mmHV	F,S,R=F
Aug 02 2005	8"	19mmW	NICE CLUSTER, NICER NEBULA
IC 1318			Nebula E
Jul 13 2020	12"	30mmES	B,PL,R=E. LP2
Aug 18 2010	12"	26mm	F,PL,R=G,IRREGULAR SHAPE,LARGE,OIII FILTER
IC 1318B			Non-Existent
Jul 13 2020	12"	30mmES	B,L,R=E. LP2
IC 1369			Open Cluster 12.1 II 2 m
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON
IC 1392			Galaxy S0-:
Jul 08 2019	12"	8mm Et	VF,VS,OVAL,UB,NND,AV,R=P

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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	
IC 5067		Nebula EN	
Jun 24 2020 12"	13mmHV	B,L,R=G. LP2	
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 08 2019 12"	11mmT6	VF,VS,R=P. LP2	
Jul 23 2006 8"	11mmT6	F,VS,R,AV,R=F	
IC 5146		Nebula E	
Jul 13 2020 12"	13mmHV	F,S,R=G. LP2 BEST. OIII GOOD	
Jun 24 2020 12"	20mmOF	OUTSTANDING,R=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.	

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NGC 6811		Open Cluster 11.0 III 1 r	CL,L,PRI,LC,ST11..14
Jul 08 2019 12"	11mmT6	B,L,R=G. LARGE, LOOSE GROUP.	
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
Jul 08 2019 12"	11mmT6	F,S,R=G. TIGHT GROUP	
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
May 31 2019 12"	11mmT6		
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 08 2019 12"	11mmT6	F,S,R=F	
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 08 2019 12"	11mmT6	B,L,R=G. NICE GROUP.	
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	

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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 08 2019	12"	11mmT6	B,S,R=F. LP2	
Jul 23 2006	8"	11mmT6	VF,VS,AV,R=F	
NGC 6888		H72-4	Nebula E	F,VL,VME,**ATT
Jul 08 2019	12"	17mmT4	B,L,R=G. LP2. CRESCENT NEBULA.	
Oct 12 2012	18"	17mmT4	FINE OBJECT IN JOHN'S 20" OBSESSION, OIII FILTER	
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 13 2020	12"	30mmES	B,L,R=G	
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	

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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
Jul 13 2020 12"	30mmES	OUTSTANDING	PB,CL,EIF,KAPPACYGIN
Jun 19 2020 12"	30mmES	OUTSTANDING OBJECT. LP2 AND OIII FILTERS	
Sep 26 2019 12"	27m PN	OUTSTANDING OBJECT. OIII FILTER	
Sep 26 2019 36"	8mm Et	OUTSTANDING OBJECT IN THE 36" WITH 31MM NAGLER & OIII FILTER	
Jun 28 2019 12"	35mm A	WESTERN VEIL. LP2 FILTER. EXCELLENT OBJECT.	
Jul 08 2018 12"	35mm A	B,L,R=E!! NARROWBAND FILTER	
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
Sep 26 2019 12"	27m PN	OUTSTANDING OBJECT. OIII FILTER	
Aug 24 2019 12"	27m PN	OUTSTANDING OBJECT. LP2 BEST.	
Aug 07 2016 12"	27m PN	BRIGHT,LARGE,R=E. LP3.	
Aug 18 2010 12"	11mmT6	CF,PS,R=P,LONG-NARROW,OIII FILTER	
NGC 6979		H206-2	Non-Existent
Jun 19 2020 12"	30mmES	OUTSTANDING OBJECT. LP2 AND OIII FILTERS	
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
Nov 13 2007 8"	11mmT6	PB,PL,R=G,STARS=30+, 3 ROWS?	CL,L,P,VLC
NGC 6992		H14-5	Nebula E
Jul 13 2020 12"	30mmES	OUTSTANDING	EF,EL,EE,EIF,BIFID
Jun 19 2020 12"	30mmES	OUTSTANDING OBJECT. LP2 AND OIII FILTERS	
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 13 2020 12"	30mmES	OUTSTANDING	
Jun 19 2020 12"	30mmES	OUTSTANDING OBJECT. LP2 AND OIII FILTERS	

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NGC 6995		Non-Existent	F,EL,NEB\$ST INGROUPS
Sep 26 2019 12"	27m PN	OUTSTANDING OBJECT. OIII FILTER	
Aug 24 2019 12"	27m PN	OUTSTANDING OBJECT. LP2 BEST.	
Jun 28 2019 12"	35mm A	EASTERN VEIL. LP2 FILTER. EXCELLENT OBJECT.	
Jul 08 2018 12"	35mm A	B,L,R=E!! NARROWBAND FILTER	
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
Jun 19 2020 12"	30mmES	OUTSTANDING OBJECT. LP2 AND OIII FILTERS	
Sep 26 2019 12"	27m PN	OUTSTANDING OBJECT. OIII FILTER	
Jun 28 2019 12"	35mm A	NORTH AMERICA NEBULA. LP2 FILTER. EXCELLENT OBJECT.	
Jul 08 2018 12"	35mm A	B,L,R=E!! NARROWBAND FILTER	
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
Jul 08 2019 12"	11mmT6	F,L,R=G. LP2. NO CENTRAL STAR NOTED.	
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 08 2019 12"	8mm Et	PF,S,OVAL,MEXT,UB,NND,R=F.	
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
Jul 07 2018 12"	8mm Et	B,PS,R=G	
Aug 24 2005 8"	11mmT6	MF,MS,PATCHY,AV,R=F	
NGC 7027		Planetary Neb 3a	PLN,STELLAR=8.5M
Jul 08 2019 12"	11mmT6	B,PS,R=G. OIII	

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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 13 2020	12"	13mmHV	B,L,R=G	CL,VL,VP,VLC,*7...10
Jul 19 2017	12"	17mmT4	LARGER THAN M29	
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	CL,S,PRI,HASARUBY*9
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	