

Perseus - Rescuer of Andromeda

ABELL 4		Planetary Neb
Oct 07 2010 31"	12mmT4	PF,PS,R,UB,2 PGC GLXY CLOSE BY,OIII DOESNOT HELP MUCH,17MM - COMP GLXY HARD TO DET,R=F
Feb 05 2005 31"	17mmT4	DIF,VF,MS,R,OIII,GREENISH,SOME PATCHY AREAS DET,PAIR=PGC10427,R=G
CR 29		Open Cluster II 2 p
Nov 13 2020 36"	55mm	(II 2 p),EB,EL,NICE IN FOV,~20"S VAR MAG,SC SMWHT EL,(11:08pm),R=PF
IC 257		Galaxy S0-:
Feb 04 2005 31"	17mmT4	MB,ML,EL,FLNUC,SOFT NUC,F* IN EDGE,PATCH OR KNOT SUSP,SHISB CNTR,R=G
IC 258		Galaxy SB0
Feb 04 2005 31"	17mmT4	PF,PS,EONG,FSNUC,COMP=IC259,F*IN GLXY,R=F
IC 259		Galaxy SB0
Feb 04 2005 31"	17mmT4	PF,PS,OVAL,UB,NND,F* IN EDGE,COMP=IC258,R=F
IC 260		Galaxy E:
Feb 04 2005 31"	17mmT4	MF,PS,OVAL,BSNUC,GBM,MHISB CNTR,R=F
IC 262		Galaxy SB0
Feb 04 2005 31"	17mmT4	MF,PS,OVAL,FLNUC,2F*S OFF ONE SIDE 90 DEG APART,SHISB CNTR,R=F
IC 265		Galaxy E
Feb 04 2005 31"	17mmT4	MF,MS,OVAL,FLNUC,SHISB CNTR,NGC1129 CL,R=F
IC 266		Galaxy S
Feb 04 2005 31"	17mmT4	MF,MS,EL,BSNUC,F* OFF TIP,R=F
IC 278		Galaxy E:
Feb 04 2005 31"	17mmT4	MF,MS,R,BLNUC,SHISB,VF* IN EDGE,R=G
IC 284		Galaxy SAdm
Feb 04 2005 31"	17mmT4	VF,PL,EL2 VF*S IN CNTR,F* IN EDGE,PATCHY AREA'S DET,KNOTS,R=G
IC 288		Galaxy S?
Feb 04 2005 31"	17mmT4	PF,MS,EL,BLNUC,SHISB CNTR,R=F
IC 290		Galaxy Sb
Dec 06 2002 12.5"	9mmT6	EDIF,EF,VS,PATCH,UB,COMES AND GOES WITH AVERTED VISION,PAIR/1883
IC 293		Galaxy E-S0
Feb 04 2005 31"	17mmT4	PF,ML,OVAL,PATCH,FLNUC,R=F
IC 296		Galaxy (R)SB(rs)0/a:
Sep 27 2005 31"	17mmT4	MB,PL,OVAL,FLNUC,F* IN EDGE,ANOTHER * FURTHER OUT,R=G
Feb 04 2005 31"	17mmT4	PF,PS,OVAL,PATCH,VFLNUC,GRP OF *S OFF ONE SIDE,V* IN EDGE,R=F

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IC 300		Galaxy	
Sep 27 2005 31"	17mmT4	VF,VS,OVAL,VFSNUC,=MAC0314+4224,PAIR=MAC,R=P	
IC 301		Galaxy E	
Feb 04 2005 31"	17mmT4	MB,PL,BLNUC,VF* BY NUC,* IN EDGE,MHISB CNTR,R=G	
IC 304		Galaxy Sb	
Feb 04 2005 31"	17mmT4	MF,MS,OVAL,FLNUC,SHISB CNTR,PAIRS=IC305/MAC,R=F	
IC 305		Galaxy E	
Feb 04 2005 31"	17mmT4	MF,MS,OVAL,BSNUC,SHISB CNTR,INTRACT=MAC,PAIR=IC304,R=P	
IC 308		Galaxy S0	
Sep 02 2005 31"	17mmT4	PF,VS,R,FSNUC,VF* ON EDGE,R=F	
IC 309		Galaxy SA(s)0^	
Feb 05 2005 31"	17mmT4	PB,MS,BSNUC,MHISB,PAIRS=PGC12132/MAC,R=G	
IC 310		Galaxy SA(r)0^:	
Sep 02 2005 31"	17mmT4	MB,PS,OVAL,BLNUC,SHISB CNTR,PAIR=PGC12185R=G	
IC 311		Galaxy S?	
Sep 02 2005 31"	17mmT4	PF,MS,EL,FNUC,EL NUC,VF* ON EDGE,R=F	
IC 312		Galaxy E:	
Sep 12 2002 12.5"	9mmT6	VDIF,PF,MS,OVAL,SBM,ABELL426	
IC 313		Galaxy E	
Sep 02 2005 31"	17mmT4	MF,PS,EL,FNUC,2VF*S OFF ONE SIDE,SHISB CNTR,R=F	
IC 316		Galaxy S?	
Sep 02 2005 31"	17mmT4	PF,PS,PATCH,FSNUC,S PATCH DET,COMP=PGC12576,R=F	
IC 319		Galaxy	STELLAR, = 13M
Sep 27 2005 31"	17mmT4	PF,VS,PATCH,UB,NND,NIM,F* OFF SIDE,2* OPPOSITE ENDS,R=F	
IC 320		Galaxy SB(rs)ab	
Sep 02 2005 31"	17mmT4	VF,ML,OVAL-R,NND,SVRL VF*S IN GLXY AND ON EDGE,PAIR=PGC12816,R=F	
IC 348		Open Cluster III 2 p n	
Nov 13 2020 36"	55mm	(IV 2 p n),VB,ML,B* IN FOV,~15*S,COLORFULL ** IN CNTR WITH NEB (IC 1985),(12:50am),R=FG	
Sep 02 2005 31"	17mmT4	PB,PL,~12*S,VAR MAG,LOOSELY SC,CL DET,BARREN FOV,R=F	
IC 351		Planetary Neb 2a	
Oct 07 2010 31"	12mmT4	MB,VS,R,BNUC,BBLUE,SUDLY MBM,BNUC,OIII B NEB,HELPS LTL,R=G	
Dec 20 2003 31"	17mmT4	PB,MS,R,VHISB,BBLUE,NO CNTR *,R=G	

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IC	1874		Galaxy S0/a
	Feb 05 2005 31"	17mmT4	MF,PS,OVAL,FSNUC,2*S OFF ONE SIDE,R=F
IC	1883		Galaxy S0/a
	Dec 06 2002 12.5"	9mmT6	DIF,PF,PS,PATCH,UB,PAIR/IC 290/IC 292
IC	1887		Galaxy Sdm:
	Feb 04 2005 31"	17mmT4	MF,ML,EDGE ON,F* IN TIP,SHISB,CNTR BULGE,R=G
	Dec 06 2002 12.5"	9mmT6	VDIF,VF,PS,EL-OVAL,PATCH,UB,PAIR/IC 1883
IC	1900		Galaxy S0
	Feb 05 2005 31"	17mmT4	MF,PS,OVAL,BSNUC,SHISB,BM,PAIRS=IC1901/IC1902,NICE IN FOV,R=G
IC	1901		Galaxy S
	Feb 05 2005 31"	17mmT4	PF,PS,EL,BSNUC,SHISB,BM,PAIRS-IC1900/IC1902,NICE IN FOV,R=G
IC	1902		Galaxy
	Feb 05 2005 31"	17mmT4	MF,PS,EL,BSNUC,SHISB,BM,PAIRS=IC1900/IC1901,NICE IN FOV,R=G
IC	1907		Galaxy E?
	Sep 12 2002 12.5"	9mmT6	EDIF,EF,VS,TRI OF *S TO ONE SIDE,OVAL,UB,ABELL426
IC	1934		Galaxy S0
	Sep 02 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,* OFF ONE SIDE,R=P
IC	1985		Brn Nebula R
	Nov 13 2020 36"	31mmT5	(Lb 2),DIF,MB,ML,W/OIII,NEB SUR *S OF IC 348,B* IN FOV WITH F HALO OF NEB,EDGES FADE INTO OUTER AREAS,(12:55am),R=FG
IC	2003		Planetary Neb 2
	Oct 07 2010 31"	12mmT4	MB,VS,R,NO CNTR*,ONE HALF NEB BTR THAN OTHER,OIII HELPS LTL,R=G
	Feb 05 2005 31"	17mmT4	OIII,PB,VS,R,BBLUE,B AREA ON ONE SIDE,PAIR=MAC,R=E
IC	2005		Galaxy C
	Sep 19 2012 36"	17mmT4	MF,MS,OVAL,FLNUC,LOC IN CALIF NEB,R=F
	Sep 04 2005 31"	17mmT4	PF,PS,EL,FSNUC,SHISB CNTR,R=F
IC	2027		Galaxy E
	Sep 04 2005 31"	17mmT4	MF,PS,OVAL,UB,NND,MHISB,R=F
IC	2067		Brn Nebula
	Sep 27 2005 31"	17mmT4	PF,MS,PATCH,UB,F NEB CLOSE TO *,OIII DOES NOT HELP,R=F
KING	7		Open Cluster I 2 r
	Nov 13 2020 36"	17mmT4	(I 2 r),MF,MS,B* SURR BY MANY FTR *S SIM MAG,~60*S,(1:26am),R=FG
MAC	0245+4232		Galaxy

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MAC 0245+4232 **Galaxy**
Feb 05 2005 31" 17mmT4 PF,VS,OVAL,PATCH,UB,NND,R=F

MAC 0249+4706 **Galaxy**
Feb 04 2005 31" 17mmT4 EF,VS,PATCH,UB,NND,B* IN FOV,COMP=PGC10717,R=P

MAC 0250+4639 **Galaxy**
Feb 04 2005 31" 17mmT4 EF,ES,ALM *,PAIR=PGC10770,R=P

MAC 0254+4136 **Galaxy**
Feb 04 2005 31" 17mmT4 VF,PS,PATCH,UB,NND,NGC1129 CL,R=F

MAC 0255+4136A **Galaxy**
Feb 04 2005 31" 17mmT4 VF,VS,PATCH,NND,CLOSE TO *,NGC1129 CL,R=P

MAC 0300+3534 **Galaxy**
Nov 11 2009 31" 17mmT4 EF,ES,PATCH,AV SUSP,AV ONLY ONCE OR TWICE,AGC 407,R=P

MAC 0300+3541 **Galaxy**
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,NND,AV FIRST THEN HOLDS,AGC 407,R=P

MAC 0300+3602 **Galaxy**
Nov 11 2009 31" 17mmT4 EF,ES,SUSP,LOC GOOD,AGC 407,R=P

MAC 0300+3604C **Galaxy**
Oct 09 2010 31" 17mmT4 EF,VS,PATCH,VF* ON EDGE,AV ONCE OR TWICE,AGC 407,R=P

MAC 0300+3605 **Galaxy**
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,NND,AV FIRST THEN HOLDS,COMES AND GOES,AGC 407,R=P
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,EFSNUC,AGC 407,R=P

MAC 0301+3534 **Galaxy**
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV ONLY ONCE OR TWICE,AGC 407,R=P

MAC 0301+3538 **Galaxy**
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,NND,AV HOLDS,AGC 407,R=P

MAC 0301+3540 **Galaxy**
Nov 11 2009 31" 17mmT4 PF,PS,EL,PATCH,UB,NND,AGC 407,R=F

MAC 0301+3540A **Galaxy**
Nov 17 2012 36" 17mmT4 VF,ES,JUST OFF EDGE OF MAC0301+3540,ALM *,AGC 407,R=P

MAC 0301+3542 **Galaxy**
Nov 17 2012 36" 17mmT4 EF,ES,SUSP,AGC 407,R=P

MAC 0301+3543 **Galaxy**

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MAC 0301+3543 Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,AV FIRST THEN HOLDS,AGC 407,R=P

MAC 0301+3544 Galaxy
Nov 17 2012 36" 17mmT4 VF,VS,PATCH,UB,AGC 407,R=P

MAC 0301+3545 Galaxy
Nov 11 2009 31" 17mmT4 VF,VS,UB,TOUCH PGC 1144,CAN BARELY SEP,AV COMES AND GOES,AGC 407,R=P

MAC 0301+3547 Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,PATCH,LOC GOOD,ONLY SUSP,AGC 407,R=P

MAC 0301+3547A Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV ONLY A FEW TIMES,AGC 407,R=P

MAC 0301+3550A Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,UB,AV FIRST THEN HOLDS,AGC 407,R=P

MAC 0301+3550B Galaxy
Nov 11 2009 31" 17mmT4 VF,PS,PATCH,BARELY TUCHING PGC 11434,AGC 407,R=F

MAC 0301+3552A Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,B* IN GLXY,HARD TO DET,AGC 407,R=P

MAC 0301+3552C Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,AV ONLY ONCE OR TWICE,AGC 407,R=P

MAC 0301+3553 Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV,AGC 407,R=P

MAC 0301+3554A Galaxy
Nov 11 2009 31" 12mmT4 EF,VS,PATCH,AV ONLY ONCE,AGC 407,R=P

MAC 0301+3554B Galaxy
Nov 11 2009 31" 12mmT4 EF,VS,PATCH,AV TOOK A WHILE TO HOLD,AGC 407,R=P

MAC 0301+3554D Galaxy
Nov 11 2009 31" 12mmT4 EF,ES,PATCH,LOC GOOD,BARRON AREA,AV ONLY ONCE,SUSP,AGC 407,R=P

MAC 0301+3555A Galaxy
Nov 11 2009 31" 12mmT4 VF,VS,OVAL,BSNUC,AGC 407,R=P

MAC 0301+3555B Galaxy
Nov 11 2009 31" 12mmT4 EF,ES,PATCH,AV ONLY ONCE,AGC 407,R=P

MAC 0301+3558A Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,PATCH,TOOK AV AWHILE,AGC 407,R=P

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MAC 0301+3558B Galaxy
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,AGC 407,R=F

MAC 0301+3558C Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,PATCH,TOOK AWHILE,AGC 407,R=P

MAC 0301+3559B Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV HOLDS,AGC 407,R=P

MAC 0302+3538 Galaxy
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,B* CLOSE BY,AV HOLDS AFTER A WHILE,AGC 407,R=P

MAC 0302+3540 Galaxy
Nov 11 2009 31" 17mmT4 PF,PS,PATCH,UB,NND,AGC 407,R=F

MAC 0302+3543 Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV HARD TO HOLD,AGC 407,R=P

MAC 0302+3544 Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV ONLY A FEW TIMES,AGC 407,R=P

MAC 0302+3545A Galaxy
Nov 17 2012 36" 17mmT4 EF,VS,V CLOSE TO *,CANNOT DET,SUSP,AGC 407,R=P

MAC 0302+3546 Galaxy
Nov 11 2009 31" 17mmT4 VF,VS,PATCH,AV HOLDS AFTER A WHILE,AGC 407,R=P

MAC 0302+3603 Galaxy
Nov 17 2012 36" 17mmT4 EF,ES,PATCH,TOOK AV AWHILE,SUSP,ALM *,AGC 407,R=P

MAC 0302+3606A Galaxy
Oct 09 2010 31" 17mmT4 EF,VS,PATCH,AV TOOK A WHILE,HARD TO HOLD,AGC 407,R=P

MAC 0302+3606B Galaxy
Oct 09 2010 31" 17mmT4 PF,PS,OVAL,PATCH,AV HOLDS,AGC 407,R=P

MAC 0303+3538 Galaxy
Nov 11 2009 31" 17mmT4 EF,VS,PATCH,AV ONLY A FEW TIMES,AGC 407,R=P

MAC 0303+3546B Galaxy
Nov 11 2009 31" 17mmT4 PF,MS,OVAL,UB,NND,AGC 407,R=P

MAC 0305+3602 Galaxy
Feb 05 2005 31" 17mmT4 VF,VS,OVAL,PATCH,UB,NND,R=P

MAC 0305+4244 Galaxy
Feb 04 2005 31" 17mmT4 EF,VS,PATCH,UB,AV,SUSP,PAIR=1174,R=P

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MAC 0310+4200			Galaxy	
Oct 12 2007 31"	17mmT4	VF,MS,OVAL,FSNUC,R=F		
MAC 0311+3525			Galaxy	
Feb 04 2005 31"	17mmT4	EF,ES,* NUC,PAIRS=1226/1227/PGC11896,R=P		
MAC 0312+3927			Galaxy	
Feb 04 2005 31"	17mmT4	EF,ES,* NUC,AV,SUSP,R=P		
MAC 0312+4129A			Galaxy	
Oct 12 2007 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P		
MAC 0312+4129B			Galaxy	
Oct 12 2007 31"	17mmT4	EF,ES,PATCH,UB,AV FIRST THEN HOLDS,R=P		
MAC 0312+4139			Galaxy	
Oct 12 2007 31"	17mmT4	EF,ES,PATCH,AV,SUSP,R=P		
MAC 0312+4151			Galaxy	
Oct 12 2007 31"	17mmT4	VF,VS,OVAL,PATCH,UB,VF* OFF ONE SIDE,R=P		
MAC 0314+4223			Galaxy	
Sep 27 2005 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=IC300,R=P		
MAC 0315+3751			Galaxy	
Feb 04 2005 31"	17mmT4	EF,ES,PATCH,AV,ON EDGE OF IC305,INTRACT,MAKES IC305 LOOK ELR=P		
MAC 0315+4045			Galaxy	
Feb 05 2005 31"	17mmT4	PF,MS,EL,PATCH,UB,NND,PAIRS=PGC12132/IC309,R=F		
MAC 0323+4123			Galaxy	
Sep 27 2005 31"	17mmT4	VF,VS,OVAL,VFSNUC,R=P		
MAC 0356+3355			Galaxy	
Feb 05 2005 31"	17mmT4	VF,PS,OVAL,PATCH,UB,NND,PAIR=IC2003,R=P		
MINK 1-2			Planetary Neb 1	
Sep 02 2008 31"	17mmT4	PF,ES,R,ALM *,BLUEISH,OIII DOESNOT HELP MUCH,R=P		
NGC 650	M76	H193-1	Planetary Neb 3+6	VB,P OF DNEB =M76
Sep 02 2008 31"	17mmT4	VB,VL,BHOUR GLASS CNTR RGN,F WISPS OF NEB SIDES,OIII NO HELP,F* EDGE OF HOUR GLASS,NO CNTR* DET,R=E		
Mar 19 2004 12.5"	12mmT4	W/OIII, VB,PL,HOUR GLASS SHAPE,BAR,TWO HALVES,MESSIER MARATHON 2004,R=E		
Dec 06 2002 12.5"	9mmT6	PB,PL,2 LOBES EASILY DET,MHISB,B RGN IN ONE LOBE, M76		
Mar 02 1984 10"	20mm	SAME		
Aug 25 1982 12.5"	16mm	HOUR GLASS SHAPE,WHIPHS OF NEB SUR TIPS,SAME AS BEFORE		
Oct 03 1981 12.5"	24mm	BLUE GREEN,MB,PS,S PART BTR,HISB,2 PARTS DET,DARK PATCH		

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NGC 650	M76	H193-1	Planetary Neb 3+6	VB,P OF DNEB =M76
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Aug 22 1980 12.5"	24mm			
Aug 19 1980 12.5"	24mm			
Jul 24 1980 12.5"	24mm			
Jul 17 1980 12.5"	24mm			
Jul 11 1980 12.5"	24mm			
NGC 744			Open Cluster III 1 p	CL,PL,PRI,IF,*11..13
Oct 03 1981 12.5"	24mm	MB,PL,20*S,NOT THAT DIFF FROM STAR FIELD,SLT CL DET		
NGC 869		H33-6	Open Cluster I 3 r	CL,VVL,VRI,*7...14
Oct 03 1981 12.5"	32mm	VB,EL,BDIAMOND SHAPE *S IN CNTR,PAIR/884		
Sep 20 1981 12.5"	24mm			
Oct 31 1980 12.5"	24mm			
Sep 18 1980 12.5"	24mm	H & CHI DOUBLE CL		
Jun 20 1980 12.5"	24mm			
NGC 884		H34-6	Open Cluster I 3 r	CL,VL,VRI,RUBY*M
Oct 03 1981 12.5"	32mm	VB,EL,PAIR/869,BEST IN 2" EYEPIECE		
Sep 20 1981 12.5"	24mm			
Oct 31 1980 12.5"	24mm			
Sep 18 1980 12.5"	24mm	H & CHI DOUBLE CL		
Jun 20 1980 12.5"	24mm			
NGC 957			Open Cluster III 2 m	CL,PL,PRI,*13...15
Oct 03 1981 12.5"	24mm	MB,PL,2B*S SURR BY *S 2-3 MAG FTR,-40*S		
NGC 1001			Galaxy Sbc	VF,VS
Dec 06 2002 12.5"	9mmT6	DIF,MF,MS,EL,LINE OF *S POINT TO IT,PATCHY,UB,PAIR/999/996,CL OF 7 GLXY		
Aug 17 1982 12.5"	16mm	EDIF,EF,MS,2F*S TO SE 1 GLXY DIA,SL ELPAIR/996/999/1000		
NGC 1003		H198-3	Galaxy SA(s)cd	PF,L,E90,MBM,R
Aug 17 1982 12.5"	16mm	DIF,PF,MS,EL,F* IN EASTERN PART,NND,PATCHY		
NGC 1005			Galaxy E/S0	VF,VS
Dec 06 2002 12.5"	9mmT6	VDIF,PF,MS,PATCH,SBM,OVAL,CL OF 7 GLXY		
NGC 1023		H156-1	Galaxy SB(rs)0-	VB,VL,VME,VVMBM
Feb 04 2005 31"	17mmT4	VF,EL,EL,BLNUC,FARMS,GMBM,SVRL *S IN GLXY,COMP=1023A,R=E		
Aug 17 1982 12.5"	16mm	EDGE ON,MF,ML,LINE OF 3 *S OFF TO E,VMBM,DIF ARMS		
Oct 03 1981 12.5"	12mm	MB,ML,EL,F* OR PART OF GLXY W SIDE,LOOKS LIKE SB GLXY,VMBM,BNUC DET		
Sep 07 1980 12.5"	24mm			
Sep 03 1980 12.5"	24mm			
Aug 22 1980 12.5"	24mm			
Aug 19 1980 12.5"	24mm			
Jul 24 1980 12.5"	24mm	BNUC,GREAT!!!		

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NGC 1023		H156-1	Galaxy SB(rs)0-	VB,VL,VME,VVMBM
Jul 11 1980	12.5"	24mm		
Jun 20 1980	12.5"	24mm	GOOD LOOKING GLXY	
NGC 1023A			Galaxy IB?	
Feb 04 2005	31"	17mmT4	VF,VS,PATCH,UB,COMP=1023,IN ARMS OF 1023,R=P	
NGC 1039		M34	Open Cluster II 3 r	CL,B,VL,LC,SC ST9
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 02 1984	10"	20mm	SAME	
Oct 03 1981	12.5"	24mm	VB,VL,SC *S,BETTER IN 32MM	
Sep 20 1981	12.5"	24mm		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Sep 10 1980	12.5"	24mm		
Sep 07 1980	12.5"	24mm		
Jul 17 1980	12.5"	24mm		
Jul 11 1980	12.5"	24mm		
NGC 1050			Galaxy (R')SB(s)a	F,S,*18INV N
Aug 17 1982	12.5"	16mm	VF,MS,VDIF,VF* N PART,VSBM,PATCH	
NGC 1053			Galaxy S0	VF,VS,LE,3OR4*LINENR
Aug 17 1982	12.5"	16mm	VDIF,VF,VS,EL,F*S TIP,NND,PATCH	
NGC 1058		H633-2	Galaxy SA(rs)c	PF,CL,R,GLBM
Aug 17 1982	12.5"	16mm	F* IN NE PART,B*S SUR GLXY,ROUND-OVAL,NND,HISB	
Oct 03 1981	12.5"	16mm	DIF,MB,ML,VR,F* SUR GLXY,NND,UB	
Aug 19 1980	12.5"	24mm	EF AND DIF	
Jul 24 1980	12.5"	24mm	LOW SURFACE BRT,*NUC	
NGC 1077A			Galaxy SBb	
Feb 04 2005	31"	17mmT4	PF,MS,EL,PATCH,UB,NND,INTRACT 1077B,R=F	
Aug 17 1982	12.5"	16mm	EDIF,EF,MS,PATCHY-OVAL,IN BARREN AREA,VSBM,AKA 1077A	
NGC 1077B			Galaxy Sb	
Feb 04 2005	31"	17mmT4	VF,VS,PATCH,UB,NND,AV,INTRACT 1077A,APPEARS AS A BUMP ON 1077B,R=P	
NGC 1086			Galaxy Scd:	VF,PS,D* NR
Aug 17 1982	12.5"	16mm	VDIF,VF,MS,F* OFF N TIP,VSBM,R-OVAL,4B*S TO THE E	
NGC 1106			Galaxy SA0+	VF,VS,VF*ATT S
Aug 17 1982	12.5"	16mm	MF,PS,F*E 1 GLXY DIA,F* SUSP W PART,MHISB,R-OVAL	
NGC 1122		H601-2	Galaxy SBb	VF,PS,R,*NR N
Aug 17 1982	12.5"	16mm	VDIF,VF,VS,F*E SIDE(POSSIBLE 2*S),SOME B AREAS IN GLXY SUSP,OVAL,MHISB	
NGC 1129		H602-2	Galaxy E	CF,PS,IR,VGLBM, F*SP

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NGC 1129		H602-2	Galaxy E	CF,PS,IR,VGLBM, F*SP
Feb 04 2005 31"	17mmT4	PB,ML,OVAL,FLNUC,COMP=PGC10953,NGC1129 CL,R=G		
Aug 17 1982 12.5"	16mm	DIF,MF,MS,OVAL,UB-SBM,COMPANION TO N(1130),PAIR/1131		
NGC 1130			Galaxy compact	EF,ES
Feb 04 2005 31"	17mmT4	MF,PS,R,FLNUC,* OFF ONE SIDE,NGC1129 CL,R=F		
Aug 17 1982 12.5"	16mm	VDIF,VF,ES,FNUC,*NUC,R,CLOSE COMP WITH 1129,PAIR 1131		
NGC 1131			Galaxy E/S0	EF,ES
Feb 04 2005 31"	17mmT4	PF,VS,R,FLNUC,NGC1129 CL,R=F		
Aug 17 1982 12.5"	16mm	VDIF,EF,ES,V *NUC,R,SBM,NO *S CLOSE,PAIR/1130/1129		
NGC 1138		H580-3	Galaxy SB0	VF,VS,R,GBM,2S* TRI
Aug 17 1982 12.5"	16mm	DIF,VF,VS,BNUC,FORMS TRI WITH 2F*S,R,GBM		
NGC 1159			Galaxy Spiral HSB	VF,S,R,VLBM
Aug 17 1982 12.5"	16mm	VDIF,EF,ES,F*SE SVRL GLXY DIA,SLT HISB,R		
NGC 1160		H199-3	Galaxy Scd:	F,E
Aug 17 1982 12.5"	16mm	VDIF,MF,MS,F*S EDGE,PATCHY,NND,NO *S N OR E,PAIR/1161		
NGC 1161		H239-2	Galaxy S0	F,PS,LE,SBM
Aug 17 1982 12.5"	16mm	MF,PS,BNUC,2B*S JUST OFF TO W TIP,R,GBM,MHISB,PAIR/1160		
NGC 1164			Galaxy (R')SAB(s)ab	EF,VS
Aug 17 1982 12.5"	16mm	EEDIF,EF,VS,2 OR 3 F*S IN OBJECT,JUST VISIBLE WITH ADVERTED VISION		
NGC 1167		H178-3	Galaxy SA0-	VF,PL,R,SPMBM
Aug 17 1982 12.5"	16mm	MF,PS,GBM,R		
NGC 1169		H620-2	Galaxy SAB(r)b	PF,PS,IF,SBM
Aug 17 1982 12.5"	16mm	DIF,MF,MS,FNUC,F*S AND E 1 OR 2 GLXY DIA,SBM,CLASS E3		
Oct 03 1981 12.5"	16mm	DIF,VF,PS,DNUC,F*W PART OF GLXY,SBM,NUC DET		
NGC 1171			Galaxy Scd:	VF,PL,IF
Aug 17 1982 12.5"	16mm	DIF,MF,MS,EL,F* OFF N TIP 1 GLXY DIA,SLT EL,SBM		
NGC 1175		H607-2	Galaxy SA(r)0+	F,CL,E
Aug 17 1982 12.5"	16mm	DIF,MF,VS,SLT EL,SBM,PATCHY,F*S SUSP,COMPANION/1177		
Oct 03 1981 12.5"	12mm	EDIF,VF,ES,EL,*NUC SUSP,OBLONG IN SHAPE		
NGC 1177			Galaxy S?	VF,S,R,NF1175
Aug 17 1982 12.5"	16mm	EDIF,EF,ES,SUSP WITH ADVERTED VISION,COMPANION/1175		
NGC 1186		H43-4	Galaxy SB	F*W/NEB APPENDAGES
Feb 04 2005 31"	17mmT4	MB,PL,EDGE ON,VFLNUC,B* BY NUC,F* IN TIP,CNTR BULGE,SBM,PAIR=MAC,R=G		
Dec 06 2002 12.5"	9mmT6	PB,PL,EL,SVRL F*S ON EDGE,BSTELLER NUC,FARMS		

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NGC 1186 Aug 17 1982 12.5" 16mm	H43-4 DIF,MF,PS,EL,BNUC,4F*S OFF E SIDE,1*IN E TIP,B* OR *NUC	Galaxy SB	F*W/NEB APPENDAGES
NGC 1193 Aug 10 2002 12.5" 9mmT6	H608-2 PF,PS,TIGHT GRP,*S SIMILAR MAGNITUDE	Open Cluster I 2 m	F,CL,ER
NGC 1198 Aug 17 1982 12.5" 16mm	DIF,VF,VS,F*S TIP,R,GBM	Galaxy S0-:	NEB*11
NGC 1207 Nov 13 2020 36" 55mm Aug 21 1982 12.5" 16mm Aug 17 1982 12.5" 16mm	H578-3 (II 3 m),EB,EL,FITS NICE IN FOV,~50*S VAR MAG,SC BUT STANDS OUT WELL,OUTER EDGE IC 1805,(11:19pm),R=F CLASS AS E2,MF,PS,BNUC,F*N EDGE,F*W EDGE,LOC IN TRI OF B*S,R,GMBM DIF,PF,PS,FNUC,*NUC SUSP,PATCH	Galaxy SA(rs)b	CF,VS,R,PSB INNPPEND
NGC 1212 Dec 06 2002 12.5" 9mmT6	EDIF,EF,PS,PATCH,AVERTED VISION,KEEP ALGOL OUT OF FIELD,	Galaxy	EF,S,R,ALGOL NR
NGC 1213 Feb 04 2005 31" 17mmT4	VDIF,EF,VL,OVAL,PATCH,UB,NND,SVRL VF*S IN CNTR RGN,R=P	Galaxy SA(s)dm	EF,LE,*CLOSEN,DIFFIC
NGC 1220 Oct 03 1981 12.5" 24mm	MF,VS,10*S,F GLOW,12MM-*S RSLV	Open Cluster I 1 p	CL,VS,STVF
NGC 1224 Oct 12 2007 31" 17mmT4 Feb 04 2005 31" 17mmT4	MF,MS,EL,BSNUC,SHISB CNTR,R=F MF,MS,OVAL,FLNUC,SUDLY BM,SHISB CNTR,R=G	Galaxy S0-:	EF,VS,R
NGC 1226 Feb 04 2005 31" 17mmT4	MB,ML,OVAL,FLNUC,GRADUALLY BM,MHISB CNTR,PAIRS=1227/PGC11896/MAC,R=G	Galaxy E	F,VS,R,BM
NGC 1227 Feb 04 2005 31" 17mmT4	PF,MS,OVAL,PATCH,UB,NND,PAIRS=1226/PGC11896/MAC,R=F	Galaxy (R)SB(s)0+	VF,VS
NGC 1233 Feb 04 2005 31" 17mmT4	MF,MS,LNUC,GBM,MHISB CNTR,PAIR=PGC11941,R=G	Galaxy Sb	F,VS,R,DIFF
NGC 1245 Oct 03 1981 12.5" 24mm Sep 03 1980 12.5" 24mm	MF,ML,50-80*S GREAT!!,LOOKS LIKE MINATURE BEEHIVE	Open Cluster II 2 r	CL,PL,RI,C,IR,*12.15
NGC 1250 Feb 04 2005 31" 17mmT4	PB,ML,OVAL,PATCH,BLNUC,MHISB,R=G	Galaxy S0^: sp	VF,VS,R
NGC 1257 Sep 27 2005 31" 17mmT4	MB,MS,EDGE ON,UB,NND,CLOSE TO *,SMWHT MHISB,PAIR=PGC12160,R=G	Galaxy Sa	STELLAR NEB

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NGC 1259		Galaxy S0	VF,S,R,VLBM
Sep 02 2005 31"	17mmT4	PF,PS,OVAL,FSNUC,F* ON EDGE,R=F	
NGC 1260		Galaxy S0/a: sp	VF,S,R
Sep 02 2005 31"	17mmT4	MB,MS,EL,BLNUC,LNUC AREA,R=G	
NGC 1264		Galaxy SBa-b	VF,S,VLBM
Sep 02 2005 31"	17mmT4	PF,MS,EL,UB,NND,F* OFF EDGE,R=F	
NGC 1265		Galaxy E+	VF,VS,MBM,
Sep 12 2002 12.5"	9mmT6	PB,PL,EB NUC,R,FACE ON,SUDDENDLY BM,ABELL426	
NGC 1267		Galaxy E+:	F,VS,R,STELL
Sep 12 2002 12.5"	9mmT6	DIF,VF,VS,OVAL,PATCH,UB,NND,ABELL426	
NGC 1268		Galaxy SAB(rs)b:	EF,S,LE,COM
Sep 12 2002 12.5"	9mmT6	EDIF,EF,VS,AVERTED VISION ONLY,LOCATION GOOD,ABELL426	
NGC 1270		Galaxy E:	VF,S,R
Sep 12 2002 12.5"	9mmT6	DIF,VFMPS,OVAL,*NUC,ABELL426	
Oct 03 1981 12.5"	12mm	EDIF,VF,ES,NUC DET,F*N 1 GLXY DIA,F*SUSP OTHER SIDE	
NGC 1271		Galaxy SB0?	VF,VS
Sep 12 2002 12.5"	9mmT6	VDIF,VF,PS,OVAL,PATCH,UB,NND,ABELL426	
NGC 1272		Galaxy E+	F,S,R
Sep 12 2002 12.5"	9mmT6	MB,PL,OVAL,SBM,ABELL426	
Aug 25 1982 12.5"	16mm	EDIF,EF,MS,R,SBM,CLOSE COMP/1275 AND 1278	
NGC 1273		Galaxy SA(r)0^?	VF,VS
Sep 12 2002 12.5"	9mmT6	VDIF,VF,VS,OVAL,PATCH,NND,UB,ABELL426	
NGC 1274		Galaxy E3	VF,VS
Sep 12 2002 12.5"	9mmT6	EDIF,VF,PS,OVAL,PATCH,ABELL426	
NGC 1275		H603-2 Galaxy Pec	F,S
Sep 12 2002 12.5"	9mmT6	PB,PL,BNUC,GMBM,OVAL,LNUC,HISB,ABELL426	
Aug 25 1982 12.5"	16mm	MB,ML,FNUC,F*N AND W,GMBM,R-OVAL,2 OTHER GLXY CLOSE BY/1272 AND 1278	
NGC 1276		Galaxy	VF,VS
Oct 12 2007 31"	17mmT4	VF,VS,PATCH,UB,CLOSE COMP=1278,R=P	
Sep 30 2005 31"	17mmT4	VF,PS,PATCH,VFSNUC,HEART OF ABELL 426,R=F	
NGC 1277		Galaxy S0+: pec	VF,VS,NP1278
Sep 12 2002 12.5"	9mmT6	VDIF,PF,PS,PATCH,UB,NND,ABELL426	
NGC 1278		Galaxy E pec:	PB,PS,R,BM

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NGC 1278		Galaxy E pec:	PB,PS,R,BM
Sep 27 2005 31"	17mmT4	PB,ML,R,FLNUC,MHISB CNTR,E CL FOV,R=G	
Sep 12 2002 12.5"	9mmT6	VDIF,PF,PS,PATCH,SMWHT BM,ABELL426	
Aug 25 1982 12.5"	16mm	VDIF,EF,MS,R,SBM,F*W EDGE,COMP 1272 AND 1275	
NGC 1279		Galaxy C	VF,VS
Sep 02 2005 31"	17mmT4	UNIDENTIFIED GLXY CLOSE BY,15TH MAG,PATCH,UB,NND,LOC GOOD,NO FIND,R=P	
NGC 1281		Galaxy E5	VF,S,*11P1'
Sep 12 2002 12.5"	9mmT6	VDIF,VF,VS,OVAL,PATCH,UB,NND,ABELL426	
NGC 1282		Galaxy E:	VF,S,LBMN
Sep 12 2002 12.5"	9mmT6	PF,MS,OVAL,SBM,F* ON OUTER EDGE,ABELL426	
NGC 1283		Galaxy E1:	VF,S,VLBM
Sep 12 2002 12.5"	9mmT6	PB,PS,OVAL,UB,PATCH,ABELL426	
NGC 1293		H574-3 Galaxy E0	VF,R,BM,NP OF 2
Sep 12 2002 12.5"	9mmT6	DIF,PF,MS,PATCH,UB,NND,ABELL426	
NGC 1294		H575-3 Galaxy SA0-?	VF,R,BM, SF OF 2
Sep 12 2002 12.5"	9mmT6	DIF,PF,MS,PATCH,UB,NND,ABELL426	
NGC 1330		Galaxy	VF ST IN VF,S NEB
Sep 27 2005 31"	17mmT4	PF,VS,PATCH,UB,NND,SHISB,2F*S IN EDGE,SHISB,R=F	
NGC 1333		Brn Nebula R	F,L,*10NF
Sep 27 2005 31"	17mmT4	PB,VL,REF NEB,NEB SUR *,B PATCH OF NEB CLOSE BY,L BG AREA GLOW,R=G	
NGC 1334		Galaxy S?	EF,PL,LBM
Sep 02 2005 31"	17mmT4	PF,MS,EL,FLNUC,VF* IN EDGE,R=F	
NGC 1335		Galaxy S0-:	VF,IN VF,ES NEB
Sep 02 2005 31"	17mmT4	PF,VS,EL,FSNUC,SHISB CNTR,R=F	
NGC 1342		H88-8 Open Cluster III 2 m	CL,VL,AB60*
Nov 13 2020 36"	55mm	(III 2 m),VB,VL,NICE FOV,STANDS OUT AGAINST FOV *S,EASILY DET,~50*S,SIM MAG,FEW BRT*S,(12:42am),R=FG	
Oct 03 1981 12.5"	24mm	VB,VL,~20*S,DISPURSED	
Sep 03 1980 12.5"	24mm	NOT SO GOOD,DOES NOT LIVE UP TO ASTRO CARD DESCRIPTION	
NGC 1348		H84-8 Open Cluster III 2 m	CL,LRI,ST L
Aug 10 2002 12.5"	25mm	PB,PL,* VARYING IN MAGNITUDE,GRP NICELY	
NGC 1444		H80-8 Open Cluster IV 1 p	CL OF AB30*12...14
Nov 13 2020 36"	17mmT4	(IV 2 p),VB,ML,B** IN CNTR HAS HINT OF NEB,~10*S VAR MAG,WIDELY SC,(1:09am),R=FEW	
Oct 03 1981 12.5"	24mm	MF,VS,SUR B DOUBLE *,~10*S,SM	

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NGC 1444 Sep 03 1980 12.5" 24mm	H80-8 POOR	Open Cluster IV 1 p	CL OF AB30*12...14
NGC 1465 Sep 02 2005 31" 17mmT4	MF,VS,EL,SAMLL FNUC,R=F	Galaxy S0/a	PF,PS,R,PB*NR P
NGC 1491 Aug 10 2002 12.5" 25mm	H258-1 PB,PL,MHISB,IRR IN SHAPE,B NEB,L PATCH	Brn Nebula E	VB,S,IF,BM,R,*INV
NGC 1496 Nov 13 2020 36" 17mmT4 Sep 04 2005 31" 17mmT4	(III 2 p),VB,VL,~15*S SMWHT SIM MAG,ARRANED IN ARC SHAPE,FEW BTR *S,EASILY IDENT,(1:35am),R=F VB,VL,~20*S LOOSLY SC,SAME MAG,CL DET,R=G	Open Cluster III 2 p	CL,SEGMENT OF A RING
NGC 1499 Sep 19 2012 36" 31mmT5 Sep 15 2012 6" 40mmEL	CALIFORNIA NEB,W/OIII,ABLE TO SLEW ENTIRE OUTLINE,MANY FOV'S WITH FINE NEB DETAIL,AWESOME,R=EE VF,EL,PATCH,W/HBETA FILTER ONLY WAY TO DET,DL'S COMET HUNTER SCOPE PERFECT FOR THE JOB,L RECT AREA,STANDS OUT WELL AGAINST BG,R=G	Brn Nebula E	VF,VL,E NS,DIF
NGC 1513 Oct 03 1981 12.5" 24mm Sep 03 1980 12.5" 24mm	H60-7 MB,ML,~40*S,DARK PATCH IN CNTER,U SHAPED	Open Cluster II 1 m	CL,L,VRI,PC,ST VL
NGC 1528 Oct 03 1981 12.5" 24mm Sep 03 1980 12.5" 24mm Jul 17 1980 12.5" 24mm	H61-7 VB,VL,ONE HALF CL BTHAN OTHER,~50*S	Open Cluster II 2 m	CL,B,VRI,CC
NGC 1545 Oct 03 1981 12.5" 24mm Sep 03 1980 12.5" 24mm	H85-8 MB,ML,TRI OF B*S IN CNTER,~20*S,SPREAD OUT THIN	Open Cluster IV 2 p	CL,PRI,LC,ST L
NGC 1548 Sep 27 2005 31" 17mmT4	VB,EEL,10-15*S VAR MAG,NO CL DET,WORST OC TO DATE,R=PP	Open Cluster IV 1 p	CL,VL,LRI,LC,*10..12
NGC 1579 Sep 27 2005 31" 17mmT4 Aug 10 2002 12.5" 16mm Aug 10 2002 12.5" 9mmT6	H217-1 VB,VL,PATCH,UB,MHISB,EM NEB,PATCHY,B PATCHES DET,IRR IN SHAPE,R=G PB,PL,B NEB,MHISB,NO *S,UB PATCH,UB	Brn Nebula R	PB,VL,IR,MBM,*8 2'NF
NGC 1582 Aug 10 2002 12.5" 25mm	H70-8 EL,VB,30-40*S,LOOSLY SC,MAG 7-9	Open Cluster IV 2 p	CL,VL,PRI,LC,ST L
NGC 1605 Aug 10 2002 12.5" 24mm	H26-6 ML,VF,NOT WELL DEFINED,ROUND IN SHAPE	Open Cluster III 1 m	CL,VF,PS,C,ST ES
NGC 1624	H49-5	Open Cluster II 1 p n	F,CL,IF,60R7*+NEB

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NGC 1624		H49-5	Open Cluster II 1 p n	F,CL,IF,60R7*+NEB
Aug 10 2002 12.5"	24mm	MS,PF,TIGHT GRP,STANDS OUT WELL,20*S,RSLV		
PGC 6619			Galaxy C	
Sep 02 2008 31"	17mmT4	DIF,VF,PS,OVAL,PATCH,UB,R=P		
PGC 10427			Galaxy	
Feb 05 2005 31"	17mmT4	EF,PS,PATCH,UB,NND,PAIR=ABELL4,R=F		
PGC 10663			Galaxy S	
Feb 04 2005 31"	17mmT4	PF,MS,EL,PATCH,UB,NND,R=F		
PGC 10717			Galaxy S	
Feb 04 2005 31"	17mmT4	VF,VS,OVAL,PATCH,UB,NND,B* IN FOV,COMP=MAC,R=F		
PGC 10753			Galaxy Multi-Galaxy	
Feb 04 2005 31"	17mmT4	DIF,EF,MS,PATCH,UB,NND,R=P		
PGC 10770			Galaxy Sa	
Feb 04 2005 31"	17mmT4	MF,MS,OVAL,FLNUC,VF* IN EDGE,PAIR=MAC,R=F		
PGC 10953			Galaxy E/S0	
Feb 04 2005 31"	17mmT4	VF,ES,R,* NUC,COMP=1129,NGC1129 CL,R=F		
PGC 10962			Galaxy	
Feb 04 2005 31"	17mmT4	VDIF,EF,MS,EDGE ON,UB,NND,NGC1129 CL,R=P		
PGC 10970			Galaxy C	
Feb 04 2005 31"	17mmT4	EF,VS,PATCH,UB,NND,NGC1129 CL,R=P		
PGC 10980			Galaxy C	
Feb 04 2005 31"	17mmT4	MF,MS,OVAL,FLNUC,NGC1129 CL,R=F		
PGC 11369			Galaxy IAm	
Nov 11 2009 31"	17mmT4	MF,PS,OVAL,VBSNUC,AGC407,R=F		
PGC 11434			Galaxy Compact group	
Nov 11 2009 31"	17mmT4	PF,MS,PATCH,NND,F* OFF EDGE,BARELY TOUCH MAC,AGC 407,R=F		
PGC 11437			Galaxy SB(r)0/a	
Nov 11 2009 31"	17mmT4	MF,MS,R,BSNUC,L HALO AREA SUR NUC,AGC 407,R=F		
PGC 11444			Galaxy Double System	
Nov 11 2009 31"	17mmT4	PF,PS,EL,PATCH,UB,NND,TOUCH = MAC,AGC 407,R=F		
PGC 11447			Galaxy S?	
Oct 09 2010 31"	17mmT4	MF,MS,EL-EDGE ON,UB,NND,SHISB,ONE SIDE THICKER THAN OTHER,F* OFF TIP,AGC 407,R=F		

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PGC 11669		Galaxy
Feb 04 2005 31"	17mmT4	MF,PS,OVAL,BLNUC,F*S BOTH SIDES,MHISB CNTR,R=F
PGC 11679		Galaxy Sab
Feb 05 2005 31"	17mmT4	PF,MS,OVAL,PATCH,UB,F* IN GLXY,R=F
PGC 11863		Galaxy S0?
Oct 12 2007 31"	17mmT4	EF,ES,PATCH,*NUC,R=P
PGC 11896		Galaxy E?
Feb 04 2005 31"	17mmT4	PF,PS,OVAL,PATCH,FSNUC,PAIRS=1226/1227/MAC,R=F
PGC 11941		Galaxy
Feb 04 2005 31"	17mmT4	EF,ES,SUSP,LOC GOOD,PAIR=1233,R=P
PGC 12132		Galaxy SAB(s)d
Feb 05 2005 31"	17mmT4	DIF,VF,VL,OVAL,PATCH,UB,NND,PAIRS=IC309/MAC,R=F
PGC 12160		Galaxy
Sep 27 2005 31"	17mmT4	PF,PS,PATCH,PATCHY NUC,VF* ON EDGE,ANOTHER OPPOSITE SIDE,PAIR=1257,R=F
PGC 12185		Galaxy Sa?
Sep 02 2005 31"	17mmT4	MF,VS,EL,FSNUC,R=F
Sep 02 2005 31"	17mmT4	MF,VS,EL,BSNUC,PAIR=IC310,R=F
PGC 12254		Galaxy
Sep 02 2005 31"	17mmT4	MF,VS,EL,FLNUC,R=F
PGC 12288		Galaxy
Sep 12 2002 12.5"	9mmT6	VDIF,PF,PS,EL,VF* IN EDGE OF GLXY,ABELL426
PGC 12397		Galaxy Sc?
Sep 12 2002 12.5"	9mmT6	EEDIF,EF,ES,PATCH,AVERTED VISION,LOCATION GOOD,ABELL426
PGC 12430		Galaxy
Sep 12 2002 12.5"	9mmT6	EDIF,EF,PS,PATCH,OVAL,UB,NND,ABELL426
PGC 12576		Galaxy S
Sep 02 2005 31"	17mmT4	EF,ES,PATCH,NND,PATCHY PART OF IC316,R=P
PGC 12816		Galaxy Sb
Sep 02 2005 31"	17mmT4	VDIF,VF,PL,EDGE ON,PATCH,UB,NND,THIN SLIVER,R=P
PGC 12960		Galaxy
Sep 02 2005 31"	17mmT4	PF,VS,EL,PATCH,FSNUC,R=P
PGC 13884		Galaxy Sbc

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PGC 13884		Galaxy Sbc
Dec 20 2003 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,R=P
PGC 14033		Galaxy Scd
Sep 02 2005 31"	17mmT4	DIF,PF,ML,OVAL,PATCH,UB,NND,PAIR=PGC14034,R=P
PGC 14034		Galaxy S?
Sep 02 2005 31"	17mmT4	DIF,PF,ML,OVAL,PATCH,UB,NND,PAIR=PGC14033,R=P
PGC 14455		Galaxy S
Sep 04 2005 31"	17mmT4	DIF,VF,PS,OVAL,PATCH,UB,NND,R=P
PGC 14951		Galaxy S
Sep 27 2005 31"	17mmT4	PF,PS,PATCH,UB,NND,CLOSE TO *,R=F
SH2 216		Planetary Neb 3
Sep 19 2012 36"	31mmT5	W/OIII,SCANNED AREA ESP EAST END OF SUSP OBJ,AT MOST COULD ONLY SUSP SOME HINT OF EF GLOW JUST SLT BTR THAN BG,AFTER SVRL FOV'S NOTICED SOME DARKENING OF BG,SUSP,R=P
STOCK4		Open Cluster IV 1 p
Nov 13 2020 36"	55mm	(IV 1 p),EB,EL,FOV NICE,~20"S,SAME MAG,WIDELY SC,SIM TO FIELD *S,(10:21pm),R=PF