

Leo Minor - The Little Lion

IC 2467		Galaxy S
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,BSNUC,SHISB CNTR,R=F
IC 2468		Galaxy S
Dec 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,NND,R=F
IC 2491		Galaxy S0?
Dec 20 2003 31"	17mmT4	MF,MS,PATCH,FLNUC,SBM,R=F
IC 2493		Galaxy S0
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,FLNUC,SBM,R=F
IC 2496		Galaxy
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,FLNUC,R=F
IC 2500		Galaxy Sab
Dec 20 2003 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,R=F
IC 2508		Galaxy
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,FSNUC,R=F
IC 2515		Galaxy Sb
Dec 20 2003 31"	17mmT4	MF,MS,EL,FSNUC,R=F
IC 2516		Galaxy S0/a
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,FSNUC,R=F
IC 2518		Galaxy C
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,PATCH,FSNUC,PAIR=MAC,R=F
IC 2519		Galaxy C
Dec 20 2003 31"	17mmT4	MF,PS,PATCH,UB,NND,R=F
IC 2521		Galaxy Spiral
Dec 26 2003 31"	17mmT4	DIF,PF,MS,PATCH,UB,NND,R=P
IC 2524		Galaxy S?
Dec 26 2003 31"	17mmT4	PF,MS,EL,PATCH,BSNUC,R=F
IC 2525		Galaxy C
Dec 26 2003 31"	17mmT4	PF,MS,R,*NUC,R=F
IC 2527		Galaxy
Dec 26 2003 31"	17mmT4	MF,MS,PATCH,FSNUC,R=F
IC 2530		Galaxy S?
Dec 26 2003 31"	17mmT4	MF,MS,R,FLNUC,PAIR=PGC29034,R=F

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IC 2535		Galaxy S?
Dec 26 2003 31"	17mmT4	MF,PS,FLNUC,* NUC OR VF* IN CINTER,R=F
IC 2540		Galaxy E?
Dec 26 2003 31"	17mmT4	PF,PS,PATCH,FSNUC,R=F
IC 2542		Galaxy Sb
Dec 26 2003 31"	17mmT4	MF,ML,PATCH,UB,LNUC AREA SUSP,R=F
IC 2543		Galaxy
Dec 26 2003 31"	17mmT4	PF,MS,OVAL,PATCH,FSNUC,R=F
IC 2544		Galaxy S
Dec 26 2003 31"	17mmT4	PF,MS,OVAL,PATCH,UB,NND,R=F
IC 2547		Galaxy
Dec 26 2003 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIR=IC2549,R=P
IC 2549		Galaxy S
Dec 26 2003 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,PAIR=IC2547,R=P
IC 2550		Galaxy SAB(rs)b:
Jan 24 2004 31"	17mmT4	MF,MS,PATCH,UB,NND,SHISB,BET 2 *S,R=F
IC 2557		Galaxy S
Dec 26 2003 31"	17mmT4	VDIF,PF,PS,PATCH,UB,NND,R=P
IC 2561		Galaxy S?
Jan 24 2004 31"	17mmT4	MV,MS,OVAL,PATCH,UB,NND,SHISB,PAIR=PGC30148,R=F
IC 2565		Galaxy (R)SAB(r)a
Jan 24 2004 31"	17mmT4	MF,MS,R,FSNUC,R=F
IC 2566		Galaxy S?
Jan 24 2004 31"	17mmT4	MF,MS,EL,FSNUC,ALM *NUC,PAIR=IC2568,R=F
IC 2568		Galaxy SBa
Jan 24 2004 31"	17mmT4	MF,MS,EL,FSNUC,ALM *NUC,PAIR=IC2566,R=F
IC 2572		Galaxy Sa
Jan 24 2004 31"	17mmT4	DIF,VF,PS,OVAL,PATCH,FSNUC,PAIR=3235,R=F
IC 2577		Galaxy Sa
Jan 24 2004 31"	17mmT4	DIF,PF,MS,EL,PATCH,UB,NND,R=F
IC 2591		Galaxy S?
Jan 24 2004 31"	17mmT4	PF,MS,EL,PATCH,UB,NND,R=F

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IC 2598		Galaxy Sa
Feb 15 2004 31"	17mmT4	MF,MS,OVAL,PATCH,UB,NND,R=F
IC 2604		Galaxy SB(s)m pec?
Jan 08 2003 12.5"	9mmT6	DIF,PF,PS,OVAL,PATCH,UB,NND
IC 2606		Galaxy S?
Feb 15 2004 31"	17mmT4	MF,MS,EL,BSNUC,*NUC,PAIRS=IC2607/MAC,R=F
IC 2607		Galaxy SBab
Feb 15 2004 31"	17mmT4	PF,MS,EL,PATCH,UB,NND,PAIRS=IC2606/MAC,R=P
IC 2608		Galaxy S
Jan 08 2003 12.5"	9mmT6	VDIF,VF,VS,R,PATCH,*NUC OR EF* IN GLXY SUSP
IC 2612		Galaxy E
Feb 15 2004 31"	17mmT4	MF,MS,OVAL,FSNUC,R=F
MAC 0949+3443		Galaxy
Dec 20 2003 31"	17mmT4	PF,PS,PATCH,UB,NND,PAIR=3012,R=P
MAC 0955+3712		Galaxy
Dec 20 2003 31"	17mmT4	VF,ES,NND,ALM *,PAIR=IC2518,R=P
MAC 1000+3529		Galaxy
Dec 26 2003 31"	17mmT4	VF,PS,PATCH,NND,R=P
MAC 1002+3242		Galaxy
Dec 26 2003 31"	17mmT4	DFI,EF,PS,PATC,NND,PAIR=3099 AND OTHERS,R=P
MAC 1013+3836		Galaxy
Dec 26 2003 31"	17mmT4	VF,ES,PATCH,UB,NND,VF* IN GLXY,ALM *,R=P
MAC 1013+3844		Galaxy
Dec 26 2003 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P
MAC 1021+3627		Galaxy
Jan 24 2004 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,R=P
MAC 1022+3830		Galaxy
Mar 20 2007 31"	17mmT4	PF,MS,PATCH,UB,NND,COMP=PGC30348,JUST BARELY SPLIT,R=F
Jan 24 2004 31"	17mmT4	VDIF,VF,VS,PATCH,UB,NND,R=P
MAC 1022+3834		Galaxy
Mar 20 2007 31"	17mmT4	VDIF,EF,VS,PATCH,AV,COMP=MAC,APPEAR AS ONE,CANNOT SEP,R=P
Jan 24 2004 31"	17mmT4	EDIF,SUSP,LOC GOOD,PAIRS=3219 AND OTHERS,R=P

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MAC 1022+3835		Galaxy	
Mar 20 2007 31"	17mmT4	VDIF,EF,VS,PATCH,AV,COMP=MAC,APPEAR AS ONE,CANNOT SEP,R=P	
Jan 24 2004 31"	17mmT4	EDIF,SUSP,LOC GOOD,PAIRS=3219 AND OTHERS,R=P	
MAC 1041+3715		Galaxy	
Feb 15 2004 31"	17mmT4	EF,VS,PATCH,AV,PAIR=3334,R=P	
MAC 1044+3039		Galaxy	
Feb 15 2004 31"	17mmT4	VF,PS,PATCH,UB,NND,PAIR=3350,R=P	
MAC 1049+3802		Galaxy	
Feb 15 2004 31"	17mmT4	VF,VS,OVAL,PATCH,UB,NND,VF* ON EDGE,PAIRS=IC2606/IC2607,R=P	
MAC 1050+2831		Galaxy	
Feb 15 2004 31"	17mmT4	VDIF,EF,VS,PATCH,UB,NND,PAIR=3400,R=P	
MAC 1051+2800		Galaxy	
Feb 15 2004 31"	17mmT4	VF,VS,PATCH,UB,NND,PAIRS=3414/3418,R=P	
MAC 1052+3005		Galaxy	
Apr 09 2008 31"	17mmT4	EF,ES,PATCH,R=P	
MAC 1052+3636		Galaxy	
Apr 09 2008 31"	17mmT4	EFID,EF,ES,PATCH,AV ONCE,DOES NOT HOLD,SUSP,PAIRS=3432/PGC32617,R=P	
MAC 1053+3250B		Galaxy	
Feb 15 2004 31"	17mmT4	VDIF,EF,VS,PATCH,PAIR=MAC,R=P	
MAC 1054+3251		Galaxy	
Feb 15 2004 31"	17mmT4	VDIF,EF,VS,PATCH,PAIR=MAC,R=P	
MAC 1103+2854		Galaxy	
Feb 15 2004 31"	17mmT4	VDIF,EF,ES,PATCH,UB,NND,R=P	
MAC 1105+2958		Galaxy	
Apr 09 2008 31"	17mmT4	VF,PS,ATCH,UB,NND,PAIRS=PGC'S/MAC'S,R=P	
MAC 1105+3004		Galaxy	
Apr 09 2008 31"	17mmT4	VF,VS,OVAL,*NUC OR VF* IN GLXY,PAIRS=PGC'S/MAC'S,R=P	
NGC 2859		H137-1	Galaxy (R)SB(r)0+ VB,PL,R,SMBM
Feb 25 1984 12.5"	16mm	MB,ML,BNUC,DIM HALO,STELL BNUC,R,GMBM,F*NE SVRL GLXY DIA	
Dec 03 1980 12.5"	24mm		
NGC 2922		Galaxy Im?	VF,S,IR,LBM,R
Dec 20 2003 31"	17mmT4	MF,PL,EDGE ON,PATCH,UB,NND,R=G	

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NGC 2942		Galaxy SA(s)c:	F,PL,VLE0,VGLBM
Feb 25 1982 12.5"	16mm	EDIF,VF,MS,F*SW EDGE,B*NE 1 GLXY DIA,NND,PATCHY-OVAL,B*SW	
NGC 2955		H541-3 Galaxy (R')SA(r)b	CF,PS,IR,GLBM,R
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,BLNUC,F* BOTH SIDES,MHISB CNTR,R=G	
NGC 2965		H751-3 Galaxy S0	EF,VS,R,BM,R
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,BLNUC,SHISB,R=G	
NGC 2971		Galaxy SB(r)b	EF,PS,IR,VLBM
Dec 20 2003 31"	17mmT4	DIF,PF,MS,OVAL,PATCH,UB,NND,R=F	
NGC 3003		H26-5 Galaxy Sbc?	CB,L,VME90
Dec 20 2003 31"	17mmT4	PB,VL,EDGE ON,UB,NND,R=E	
Feb 25 1982 12.5"	16mm	VDIF,MF,PL,EDGE ON,CIGAR SHAPE,NND,UB,BTR IN 24MM,PAIR/3021	
Dec 03 1980 12.5"	24mm		
NGC 3012		Galaxy E:	VF,PL,R,COM
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,BSNUC,MHISB CNTR,PAIR=MAC,R=F	
NGC 3013		Galaxy S	PF,PS,R,BM,3021 F
Dec 20 2003 31"	17mmT4	MF,MS,OVAL,FSNUC,ALM *NUC,R=G	
NGC 3021		H115-1 Galaxy SA(rs)bc:	PB,PS,VLE,MBM,*10SP
Dec 20 2003 31"	17mmT4	PB,ML,EL,BLNUC,SHISB,F* ON EDGE,HISB CNTR,R=F	
Feb 25 1982 12.5"	16mm	MF,PS,B* OFF E SIDE,HISB,*NUC SUSP,R,PAIR/3003	
Dec 03 1980 12.5"	24mm		
NGC 3074		H542-3 Galaxy SAB(rs)c	VF,PL,IR,VGVLBM
Dec 26 2003 31"	17mmT4	VDIF,VF,VL,PATCH,UB,NND,R=F	
NGC 3099		H478-3 Galaxy S	EF,S
Dec 26 2003 31"	17mmT4	VF,PS,PATCH,UB,NND,PAIR WITH OTHERS,R=P	
NGC 3104		H48-4 Galaxy IAB(s)m	EF,PL,E,VF* INV
Dec 26 2003 31"	17mmT4	VDIF,VF,ML,OVAL,PATCH,UB,F* IN GLXY,R=P	
NGC 3106		H320-2 Galaxy S0	F,S,R,SBM
Dec 26 2003 31"	17mmT4	MF,MS,R,BSNUC,GMBM,R=F	
NGC 3116		Galaxy E	NEB*13M
Dec 26 2003 31"	17mmT4	PF,PS,FSNUC,SBM,R=F	
NGC 3118		Galaxy Sbc	S GRP OFVF*INV F NEB
Dec 26 2003 31"	17mmT4	PF,ML,EDGE ON,UB,NND,L CNTR BULGE,R=G	
NGC 3126		Galaxy Sb	F,S,LE,N=*15

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NGC 3126		Galaxy Sb	F,S,LE,N=*15
Dec 26 2003 31"	17mmT4	MF,ML,EDGE ON,BSNUC,CNTR BULGE,DUST SUSP,R=G	
NGC 3150		Galaxy Sb	VF,S
Dec 26 2003 31"	17mmT4	DIF,PF,MS,OVAL,PATCH,UB,NND,R=F	
NGC 3151		Galaxy SA0:	VF,VS
Dec 26 2003 31"	17mmT4	MF,MS,FSNUC,R=F	
NGC 3152		Galaxy (R')SB0^:	EF,VS,IR,EF*CLOSE SP
Dec 26 2003 31"	17mmT4	MF,MS,OVAL,FSNUC,R=F	
NGC 3158		H639-2 Galaxy E3:	CB,CS,R,PSBM,R
Dec 26 2003 31"	17mmT4	MF,ML,R,BLNUC,MHISB CNTR,R=G	
Feb 25 1982 12.5"	16mm	MF,MS,BNUC,BET 3*S SAME MAG,R,SBM,NUC DET,1 OF 5 COMP	
NGC 3159		Galaxy E2 pec:	VF,VS,STELLAR
Dec 26 2003 31"	17mmT4	MF,ML,BSNUC,SBM,MHISB CNTR,R=G	
Feb 25 1982 12.5"	16mm	EDIF,EF,VS,F*SW,R,*NUC,BARELY DET IN 16MM,2 OF 5 COMP	
NGC 3160		Galaxy S	VF,VS,LE
Dec 26 2003 31"	17mmT4	PF,ML,EDGE ON,PATCH,UB,CNTR BULGE,R=F	
Feb 25 1982 12.5"	16mm	EEDIF,EEF,PS,EL,NND,COMES AND GOES WITH AV,3 OF 5 COMP	
NGC 3161		Galaxy E2	VF,VS
Dec 26 2003 31"	17mmT4	MF,ML,BSNUC,SBM,MHISB CNTR,R=G	
Feb 25 1982 12.5"	16mm	EDIF,EEF,EES,BET 3159 AND 3163,AV,4 OF 5 COMP	
NGC 3163		H640-2 Galaxy SA0-:	F,S,R,GBM
Dec 26 2003 31"	17mmT4	MF,PL,FSNUC,SBM,MHISB CNTR,R=G	
Feb 25 1982 12.5"	16mm	DIF,VF,VS,FNUC,R,GMBM,5 OF 5 COMP	
NGC 3219		Galaxy E	EF,S,R,LBM
Mar 20 2007 31"	17mmT4	MF,MS,OVAL,FLNUC,V CLOSE COMP=PGC30385,R=F	
Jan 24 2004 31"	17mmT4	DIF,MF,MS,PATCH,UB,NND,PAIRS=PGC30365 AND MAC'S,R=F	
NGC 3232		Galaxy S?	EF,*11P150",P OF 2
Jan 24 2004 31"	17mmT4	DIF,PF,PS,PATCH,UB,NND,R=F	
NGC 3235		Galaxy S0-:	F,S,F OF 2
Jan 24 2004 31"	17mmT4	MF,MS,OVAL,PATCH,FLNUC,SBM,PAIR=IC2572,R=F	
NGC 3245		H86-1 Galaxy SA(r)0^?:	VB,PL,E0, SMBMEN
Feb 21 2020 36"	17mmT4	PB,ML,EL,BSNUC,HISB,GRAN HALO,R=G,TIME 11:52PM	
Jan 24 2004 31"	17mmT4	VB,VL,OVAL,BLNUC,MHISB,GMBM,PAIR=3245A,R=E	
Feb 25 1982 12.5"	16mm	MB,MS,BNUC,TAPERED,NUC DET,HISB TOWARDS CNTR	
Dec 03 1980 12.5"	24mm		

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NGC 3245A		Galaxy SB(s)b sp	
Feb 21 2020 36"	17mmT4	PF,MS,EDGE ON,UB,NND,R=P	
Jan 24 2004 31"	17mmT4	VDIF,EF,VL,EDGE ON,UB,NND,ONLY CNTR RGN DET,PAIR=3245,R=P	
NGC 3254		H72-1	Galaxy SA(s)bc
Feb 25 1982 12.5"	16mm	DIF,MB,PL,EL,BNUC,F*SW SVRL GLXY DIA,GMBM,TAPERED,KNTY STR SUSP,DIF HALO	CB,L,ME45,PSMBMN
Dec 03 1980 12.5"	24mm		
NGC 3265		H349-3	Galaxy E:
Feb 21 2020 36"	17mmT4	MB,MS,OVAL,BLNUC,MHISB,F* OFF EDGE,R=F TIME 12:04AM	PF,S,R,PSBM,*SF
Feb 25 1982 12.5"	16mm	VDIF,VF,ES,FNUC,ALM STELL,*NUC DET,R	
NGC 3272		Galaxy	F,VS,IR,3277 NF
Jan 24 2004 31"	17mmT4	VDIF,VF,PS,PATCH,UB,NND,R=P	
NGC 3277		H359-2	Galaxy SA(r)ab
Feb 21 2020 36"	17mmT4	MB,MS,OVAL-R,BNUC,MHISB,R=G,TIME 12:10AM	CB,CS,R,PGMBM
Feb 25 1982 12.5"	16mm	DIF,MF,MS,FNUC,SBM,R	
Dec 03 1980 12.5"	24mm		
NGC 3294		H164-1	Galaxy SA(s)c
Feb 15 2004 31"	17mmT4	VB,EL-OVAL,PATCH,UB,NND,PATCHY AREAS DET,KNOTS AND DUST DET,R=E	CB,L,ME135,GLBM
Jan 24 2004 31"	17mmT4	VB,VL,EL-EDGE ON,PATCH,UB,NND,R=G	
Oct 22 1982 12.5"	16mm	DIF,MF,ML,EL,UB,SLT EL,NND	
Dec 03 1980 12.5"	24mm		
NGC 3304		H615-3	Galaxy SB(s)a?
Jan 24 2004 31"	17mmT4	MF,MS,EL,FLNUC,GBM,R=F	VF,CS,PSBM,ER
NGC 3323		Galaxy SB?	VF,VS,R,LBM
Jan 24 2004 31"	17mmT4	MF,MS,OVAL,PATCH,FLNUC,SIGHTLY HISB,SBM,R=F	
NGC 3327		H348-2	Galaxy SA(r)b:
Feb 15 2004 31"	17mmT4	PB,ML,R,BLNUC,SHISB,B* OFF ONE SIDE,R=G	VF,S,R,GBM,VS*ATT
NGC 3334		H641-2	Galaxy S0?
Feb 15 2004 31"	17mmT4	MB,PL,R,BLNUC,MHISB,GMBM,PAIR=MAC,R=G	CF,VS,R,BM
NGC 3344		H81-1	Galaxy (R)SAB(r)bc
Dec 03 1980 12.5"	24mm	BNUC,2F*S ON EDGE	CB,L,GBM,*INV,2ST F
NGC 3350		Galaxy S0	EF,VS,2*9,10S
Feb 15 2004 31"	17mmT4	PF,MS,OVAL,FSNUC,PAIR=MAC,R=F	
NGC 3380		H360-2	Galaxy (R')SBa?
Feb 21 2020 36"	17mmT4	MF,MS,OVAL,FNUC,R=F,TIME 12:16AM	PB,PS,R,SBM
Feb 15 2004 31"	17mmT4	PB,ML,EL,BSNUC,SHISB CNTR,R=F	

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NGC 3381		H565-2	Galaxy SB pec	PF,CL,IR,VGLBM,1ST-3
Feb 15 2004 31"	17mmT4	DIF,MF,VL,OVAL,PATCH,UB,NND,R=G		
NGC 3395		H116-1	Galaxy SAB(rs)cd pec:	CB,PS,ILE,1ST OF 2
Feb 15 2004 31"	17mmT4	VB,VL,OVAL,BLNUC,HISB,GMBM,INTRACT 3396,R=E		
Jan 08 2003 12.5"	9mmT6	MB,PL,BNUC,OVAL,BSNUC,HISB,COMP=3396		
Oct 22 1982 12.5"	24mm	DIF,VF,MS,EL2 PARTS OR INTRACT GLXY,N PART *NUC OR *		
Dec 03 1980 12.5"	24mm	PAIR/3396		
NGC 3396		H117-1	Galaxy IBm pec	PB,PS,ILE,2ND OF 2
Feb 15 2004 31"	17mmT4	VB,VL,EL,BLNUC,HISB,GMBM,INTRACT 3395,R=E		
Jan 08 2003 12.5"	9mmT6	MB,PL,OVAL,HISB,NND,UB,COMP=3395		
Dec 03 1980 12.5"	24mm	PAIR/3395		
NGC 3400		H361-2	Galaxy SB(s)a:	PF,S,R,BM
Feb 21 2020 36"	17mmT4	MF,ML,EL,FLNUC,R=F,TIME 12:18AM		
Feb 15 2004 31"	17mmT4	MF,MS,EL,BSNUC,GMBM,PAIR=MAC,R=F		
NGC 3413		H493-2	Galaxy S0 sp	F,S
Jan 08 2003 12.5"	9mmT6	PB,MS,BNUC,R,SLT HISB,PAIR/3430/3424		
NGC 3414		H362-2	Galaxy S0 pec	B,PL,R,MBM
Feb 21 2020 36"	17mmT4	MB,ML,OVAL,BLNUC,GRAN HALO SUR NUC,R=G,TIME12:21AM		
Feb 15 2004 31"	17mmT4	VB,VL,EL,BLNUC,HISB,PAIRS=3418/MAC,R=E		
Oct 22 1982 12.5"	16mm	MF,MS,BS*NUC,R,SBM		
Dec 03 1980 12.5"	24mm			
NGC 3418		H363-2	Galaxy SAB(s)0/a:	CF,S,R,BM
Feb 21 2020 36"	17mmT4	MF,MS,EL,PATCH,FSNUC,R=FG,TIME 12:23AM		
Feb 15 2004 31"	17mmT4	MB,MS,EL-OVAL,BSNUC,GBM,PAIRS=3414/MAC,R=F		
NGC 3424		H494-2	Galaxy SB(s)b:?	PF,PL,LE,SP OF 3
Jan 08 2003 12.5"	9mmT6	PB,ML,EDGE ON,STR SUSP,DUST,F* IN EDGE,HISP,PAIR/3430/3413		
NGC 3430		H118-1	Galaxy SAB(rs)c	PB,L,IE,GBM,2ND OF 3
Jan 08 2003 12.5"	9mmT6	PB,PL,OVAL,HISB,UB,NND,PAIR/3424/3413		
NGC 3432		H172-1	Galaxy SB(s)m sp	PB,PL,VME40,**NR SP
Apr 09 2008 31"	17mmT4	VB,VL,EDGE ON,UB,NND,HISB,2F*S A TIP,2F*S BOTH SIDES,SLT BOWED,OTHERS,R=E		
Oct 22 1982 12.5"	12mm	SAME,2*S AT S TIP		
Oct 22 1982 12.5"	16mm	DIF,MF,MS,EL,UB,2*S AT BOTH ENDS		
Dec 03 1980 12.5"	24mm			
NGC 3442			Galaxy Sa?	F,VS,R,MBM,(R)
Feb 15 2004 31"	17mmT4	PB,MS,R,BVLNUC,HISB,LOOKS LIKE L PLANETARY NEB,THIN HALO ARMS,R=G		
NGC 3451		H364-2	Galaxy Sd	F,PL,VLE,VLBM

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NGC 3451		H364-2	Galaxy Sd	F,PL,VLE,VLBM
Feb 21 2020 36"	17mmT4	MF,ML,EL,PATCH,UB,NND,R=F,TIME 12:20AM		
Feb 15 2004 31"	17mmT4	MB,ML,OVAL,UB,NND,SHISB,R=F		
NGC 3486		H87-1	Galaxy SAB(r)c	CB,CL,R,GMBM
Feb 21 2020 36"	17mmT4	MF,ML,OVAL,FSNUC,R=FG,TIME 12:28AM		
Oct 22 1982 12.5"	24mm	MF,MS,VDIF,PATCH,SBM		
Dec 03 1980 12.5"	24mm			
NGC 3493			Galaxy S?	VF,R,BM,*SP
Feb 15 2004 31"	17mmT4	MB,MS,EL,UB,NND,R=F		
NGC 3504		H88-1	Galaxy (R)SAB(s)ab	B,L,E,MBMN,RR,P OF 2
Feb 21 2020 36"	17mmT4	MB,ML,OVAL,BSNUC,L GRAN ARMS,F* IN ARMS,R=G,TIME 12:31AM		
Oct 22 1982 12.5"	16mm	MB,MS,DNUC,LOC IN BARREN AREA,OVAL,SBM		
Dec 03 1980 12.5"	24mm			
NGC 3510		H365-2	Galaxy SB(s)m sp	F,L,CE,*7NF8'
Feb 21 2020 36"	17mmT4	PF,ML,EDGE ON,UB,NND,CIGAR SHAPE,SOME NUC BULGING,R=RG,TIME 12:34AM		
Feb 15 2004 31"	17mmT4	MB,PL,EDGE ON,UB,NND,CNTR BULGE,TAPERED,UB NUC,R=G		
NGC 3512		H366-2	Galaxy SAB(rs)c	F,PS,R,PGBM,F OF 2
Feb 21 2020 36"	17mmT4	MB,ML,OVAL,VFLNUC,R=FG,TIME 12:37AM		
Dec 03 1980 12.5"	24mm			
NGC 3515			Galaxy SAc:	VF,S,R,SEV EF* INV
Feb 15 2004 31"	17mmT4	MF,MS,OVAL,PATCH,NND,R=F		
PAL 15			Globular	
Jun 25 2019 36"	17mmT4	(Class ?),LOC E,JUST A FEW F*S WHERE OBJ IS LOC,R=P		
PGC 26704			Galaxy SBb	
Dec 20 2003 31"	17mmT4	DIF,VF,VS,PATCH,UB,NND,R=P		
PGC 29034			Galaxy Sm	
Dec 26 2003 31"	17mmT4	PF,MS,EL,PATCH,UB,PAIR=IC2530,R=P		
PGC 29088			Galaxy	
Dec 26 2003 31"	17mmT4	PF,MS,FSNUC,PAIR=3099 AND OTHERS,R=F		
PGC 29818			Galaxy SBb	
Dec 26 2003 31"	17mmT4	DIF,PF,ML,EL,PATCH,UB,NND,R=F		
PGC 30101			Galaxy S	
Jan 24 2004 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P		
PGC 30116			Galaxy	

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PGC 30116		Galaxy
Jan 24 2004 31"	17mmT4	VF,VS,PATCH,UB,NND,R=P
PGC 30148		Galaxy C
Jan 24 2004 31"	17mmT4	VF,VS,UB,NND,PAIR=IC2561,R=P
PGC 30344		Galaxy E
Mar 20 2007 31"	17mmT4	MF,VS,R,VBSNUC,SBM,PAIRS=MAC/PGC30348,R=F
PGC 30348		Galaxy E
Mar 20 2007 31"	17mmT4	PF,MS,PATCH,UB,NND,COMP=MAC,JUST BARELY SPLIT,R=F
PGC 30365		Galaxy S
Mar 20 2007 31"	17mmT4	EF,PS,EL-EDGE ON,UB,NND,TRI OF **S SUR* OFF NUC,AV FIRST THEN HOLDS,R=P
Jan 24 2004 31"	17mmT4	EDIF,EF,PS,PATCH,UB,NND,PAIRS=3219 AND MAC'S,R=P
PGC 30385		Galaxy S
Mar 20 2007 31"	17mmT4	EF,ES,PATCH,AV,SUSP,V CLOSE COMP=3219,R=P
PGC 30459		Galaxy SAB(s)bc
Mar 20 2007 31"	17mmT4	VF,PS,EL,UB,NND,AV,F* OUTER EDGE,MOVE B* OUT OF FOV,PAIR=PGC30468,R=P
PGC 30468		Galaxy Scd:
Mar 20 2007 31"	17mmT4	EF,VS,PATCH,NND,AV,PAIR=PGC30459,R=P
PGC 31477		Galaxy IB(s)m:
Mar 26 2006 31"	17mmT4	VDIF,EF,PL,PATCH,NND,AV,R=P
PGC 32264		Galaxy SAB(s)ab
Apr 07 2008 31"	17mmT4	DIF,VF,PL,PATCH,UB,NND,LOC IN BARRON * FIELD,R=F
PGC 32532		Galaxy Sbc
Apr 07 2008 31"	17mmT4	VDIF,EF,ML,EL,PATCH,UB,NND,R=P
PGC 32617		Galaxy Dwarf
Apr 09 2008 31"	17mmT4	EDIF,EF,VS,PATCH,AV,OFF TIP OF 3432,AV ONCE,DOES NOT HOLD,R=P
PGC 32620		Galaxy Double System
Apr 09 2008 31"	17mmT4	VF,PS,PATCH,UB,NND,COMP=PGC32638,DID NOT DETECT AT FIRST,R=P
PGC 32628		Galaxy S
Apr 09 2008 31"	17mmT4	PS,VS,EL,FSNUC,COMP=PGC32620,R=F
PGC 33487		Galaxy SBbc
Apr 09 2008 31"	17mmT4	PF,MS,OVAL,UB,NND,SHISB,PAIRS=PGC'S/MAC'S,R=F
PGC 33488		Galaxy S

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PGC 33488

Apr 09 2008 31" 17mmT4 PF,MS,OVAL,UB,NND,SHISB,PAIRS=PGC'S/MAC'S,R=F

Galaxy S

PGC 33503

Apr 09 2008 31" 17mmT4 VF,PS,PATCH,UB,NND,PAIRS=PGC'S/MAC'S,R=P

Galaxy

PGC 33512

Apr 09 2008 31" 17mmT4 VF,VS,PATCH,UB,NND,PAIRS=PGC'S/MAC'S,R=P

Galaxy L

PGC 33573

Apr 09 2008 31" 17mmT4 MF,MS,OVAL,BSNUC,R=F

Galaxy SBb