

Cassiopeia - The Queen

ABELL 82		Planetary Neb
Sep 02 2008 31"	17mmT4	DIF,EF,ML,OVAL,CNTR*15MAG,OTHER F*S IN NEB CLOSE TO CNTR,OIII HELPS DET NEB,R=P
Sep 19 2004 31"	17mmT4	VDIF,W/OIII,VF,ML,OVAL,PATCH,B* IN CTR,3F*S IN NEB ONE SIDE,L BALL/PATCH,R=F
BERK 2		Open Cluster I 1 m
Nov 11 2020 36"	17mmT4	(I 1 p),MB,ML,FEW B*,F GLOW,*S SMWHT SAME MAG,~30*S,(9:57pm),R=PF
BERK 58		Open Cluster IV 2 p
Nov 11 2020 36"	17mmT4	(II 2 p),PB,ML,~20*S,LOOSELY SC,V LTL CL,VAR MAG *S,(9:20pm),R=P
CR 15		Open Cluster II 2 p
Nov 13 2020 36"	17mmT4	(II 2 p),VB,ML,NICE FOV,F* IN LINE IN CNTR,LOOSELY SC,~15*S,LTL CONC,(10:02pm),R=F
CR 26		Open Cluster II 3 m n
Nov 13 2020 36"	55mm	(II 3 m n),EB,EL,*S VAR MAG,SAME SIZE AS FOV,SC,HINT OF NEB,W/OIII,NEB EASILY DET,MOSTLY CNTR OF CL,(10:30pm),R=FG
CR 34		Open Cluster I 3 p
Nov 13 2020 36"	55mm	(I 3 p),EB,ML,~15*S,B* IN CNTR WITH FTR *S CL SUR* VAR MAG,SC,SIM TO FOV *S,IN EDGE OF LBN 667,(11:59pm),R=P
CR 36		Open Cluster III 2 m
Nov 13 2020 36"	55mm	(III 2 p),EB,EL,~15-20*S,NICE IN FOV,SC,*S VAR MAG,(12:10am),R=PF
CR 463		Open Cluster III 2 m
Nov 13 2020 36"	55mm	(III 2 r),EEB,EEL,FILLS FOV,LOOSELY SCATT,MANY *S VAR MAG,(10:15pm),R=F
IC 10		Galaxy IBm
Sep 11 2004 31"	17mmT4	VF,MS,OVAL,PATCH,UB,SVRL *S IN GLXY,R=P
IC 59		Brт Nebula E+R
Sep 18 2004 31"	17mmT4	VDIF,VF,VL,SVRL FOV'S,SCAN AREA,VF NEB DET IN PATCHES,OIII NO GOOD,R=P
IC 63		Brт Nebula E+R
Sep 18 2004 31"	17mmT4	VDIF,PF,ML,EL,L,EL PATCH OF NEB,SHISB,B NEB,R=G
IC 166		Open Cluster II 1 r
Sep 18 2004 31"	17mmT4	PF,ML,SVRL B*S WITH MANY F*S IN BG,~50-100*S,S CL,R=F
IC 289		Planetary Neb 4+2
Oct 07 2010 31"	12mmT4	MB,ML,CNTR* JUST BARELY VISIBLE,~17 MAG,NEB PATCHY,R=G
Oct 07 2010 31"	17mmT4	MB,SM,R,UB,NO CNTR*,OIII HELPS LTL,NEB PATCHY NOT ROUND,R=G
Sep 18 2004 31"	17mmT4	MF,ML,R,UB,W/OIII,GREENISH,DARK PATCH IN CNTR SUSP,NO CNTR *,R=E
IC 1590		Open Cluster n
Sep 18 2004 31"	17mmT4	MB,ML,~8*S VAR MAG,CNTR *S FORM A TRI WITH NEB,PAIR=281,R=F
IC 1747		Planetary Neb 3b

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IC 1747		Planetary Neb 3b	
Oct 07 2010 31"	12mmT4	PB,MS,R,DARK HOLE IN CNTR,SLT BTR ONE SIDE,OIII DOESNOT HELP MUCH,NO CNTR*,R=G	
Oct 07 2010 31"	17mmT4	MB,VS,R,BBLUE,CNTR RGN DARK,HOLE,NO CNTR*,OIII HELPS SMWHTONE SIDE BTR THAN OTHER,R=G	
Sep 18 2004 31"	17mmT4	PB,MS,W/OIII,R,DARK CNTR SUSP,BR BLUEISH BALL,R=E	
IC 1805		Brt Nebula E	
Nov 13 2020 36"	31mmT5	(Lb 3),DIF,MF,EEL,W/OIII,AWESOME,ESP ON CR 26,SCAN TO ALL OUTER PARTS,PATCHES,RIFS,WISPS,BEST PART E&S OF CR 26,GOOD CONT BET DARK SKY & NEB,(10:46pm),R=G	
Nov 13 2020 36"	55mm	(Lb 3),DIF,MF,EEL,SVRL FOV'S,PATCHY,CR 26 WITHIN BOUNDARY,SOME NEB W/O FILTER,W/OIII,PATCHY AREAS,(10:36pm),R=FG	
Sep 18 2004 31"	17mmT4	PB,PL,~20*S,VAR MAG,CL,HINT OF NEB IN AREA,R=F	
IC 1848		Open Cluster I 3 p n	
Nov 13 2020 36"	55mm	(I 3 p n),EB,VL,IN HEART OF LBN 667,2 B*S IN CNTR WITH NEB SUR *S,W/OIII,NEB IN AREA DET,(11:24pm),R=F	
Sep 18 2004 31"	17mmT4	PB,VL,FEW B*S,2B*S IN CNTR,V LTL CL DET,SC,R=P	
IC 1871		Brt Nebula E	
Sep 18 2004 31"	17mmT4	VDIF,VF,ML,AREA OF NEB DET,SCAN FOV EITHER DIRECTION,SUSP,R=P	
KING 13		Open Cluster II 2 m	
Nov 11 2020 36"	17mmT4	(II 2 p),PB,VL,WIDELY SC,*S VAR MAG,~30*S,MOSTLY F,~14 MAG,(9:36pm),R=PF	
KING 14		Open Cluster III 1 p	
Nov 11 2020 36"	17mmT4	(III 1 p),PB,ML,LTL CL,* SIM MAG,FEW BRT*,(10:06pm),R=FG	
KING 16		Open Cluster I 2 m	
Nov 11 2020 36"	17mmT4	(I 2 p),MB,MS,LOOSLY SC,SMWHT CL,* VAR MAG,~20*S,(10:21pm),R=F	
LBN 667		Brt Nebula E	
Nov 13 2020 36"	31mmT5	W/OIII,BEST DETAIL	
Nov 13 2020 36"	55mm	(Lb 2),DIF MG,EEEL,W/OIII,5-7 FOV'S,IC 1848 AT ONE END,CR 34 THE OTHER,BOTH OC AND LBN EASILY DET,SCAN OUTER EDGES WELL DEF,PATCHES,DARK AREAS,BSECTIONS,GOOD CONTRAST W OF CR 34,(11:30pm),R=G	
NGC 103		Open Cluster II 1 m	CL,PS,PC,*11...18
Sep 18 2004 31"	17mmT4	MF,ML,~20*S,SLT CL,VAR MAG,R=F	
NGC 110		Open Cluster IV 1 p	CL,PR,LC,*9...12
Sep 18 2004 31"	17mmT4	VB,EL,MANY *S SVRL FOV,SC,VAR MAG,R=P	
NGC 129		H79-8	Open Cluster III 2 m
Sep 28 2013 36"	17mmT4	VF,EL,~40*S,LOOSLY SC,LTL CL,FILLS FOV,R=F	CL,VL,PR,LC,*9...13
Aug 13 1982 12.5"	24mm	MB,BL,SC,BLENDS WITH FIELD *S	
NGC 133		Open Cluster IV 1 p	CL,PL,*10...,D*INV
Sep 18 2004 31"	17mmT4	PB,ML,5-7*S LOOSLY SC,SLT CL,R=P	

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NGC 136		H35-6	Open Cluster II 1 p	GCL,VF,S,EC
Sep 28 2013 36"	17mmT4	MB,ML,~20*S SIM MAG,GOOD CL,FEW BTR,*S, GOOD FOV,R=G		
Aug 13 1982 12.5"	16mm	MF,VS,R,STARS RSLV,20*S,F PATCH IN 24MM		
NGC 146			Open Cluster II 2 p	CL,PL,LC,*11-12,D*
Sep 18 2004 31"	17mmT4	PB,ML,~15*S,LOOSLY SC,SLT CL,R=F		
NGC 147			Galaxy E5 pec	VF,VL,IR,GSM*11
Sep 28 2013 36"	17mmT4	MF,EL-OVAL,VSNUC,DIF F HALO ACROSS FOV,MANY F*S IN HALO,B*S IN NUC AREA,R=FG		
Jul 31 1981 12.5"	24mm	EL,VDIF,UB,DWARF SATELLITE TO M31		
Jul 15 1980 12.5"	24mm	EF,VS,THIN		
NGC 185		H707-2	Galaxy E3 pec	PB,VL,IR,VGMBM,R
Sep 28 2013 36"	17mmT4	PB,PL,OVAL,UB,MHISB,SVRL VF* IN GLXY AREA,R=G		
Jul 31 1981 12.5"	24mm	DIF,SETLLAR NUC,DIF HALO,R TO OVAL IN SHAPE		
Sep 18 1980 12.5"	24mm			
Aug 22 1980 12.5"	24mm			
Aug 19 1980 12.5"	24mm			
Jul 17 1980 12.5"	24mm			
Jul 15 1980 12.5"	24mm	DIF,EF,PL,AVERTED VISION		
NGC 189			Open Cluster III 1 p	CL,PL,R,*11...15
Sep 18 2004 31"	17mmT4	PB,ML,~12*S,CL,SC,SIMILAR MAG,R=F		
NGC 225		H78-8	Open Cluster III 1 p n	CL,L,LC,*9...10
Nov 11 2020 36"	55mm	(II 1 p),EB,EL,BARELY FITS FOV,* SIM MAG,~20*S,(10:10pm),R=F		
Sep 28 2013 36"	17mmT4	PB,EL,~15*S,LOOSLY SC,SIM MAG,DOESNOT STAND OUT WELL,R=PF		
Aug 13 1982 12.5"	24mm	MB,PL,18-21 *S,SPREADS OUT WELL,*S ~SAME MAGNITUDE		
NGC 278		H159-1	Galaxy SAB(rs)b	CB,PL,R,2*10NR
Sep 28 2013 36"	17mmT4	VB,VL,R,BSNUC,SBM,MHISB,SOME GRAN SUR NUC,NICE FOV,R=GE		
Jul 31 1981 12.5"	12mm	GMBM,DIF HALO SEEN,SMWHT OVAL,HISB		
Sep 18 1980 12.5"	20mm	GREAT		
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 15 1980 12.5"	24mm	GREAT!!!		
Jun 18 1980 12.5"	24mm			
NGC 281			Brn Nebula E	F,VL,DIF,STRIP*NP
Sep 18 2004 31"	17mmT4	DIF,MF,ML,NEB DET SUR TRI OF *S,PAIR=IC1590,R=G		
NGC 366			Open Cluster II 3 m	CL,S
Sep 18 2004 31"	17mmT4	PB,ML,~20*S VAR MAG,V SHAPE,M CL,R=F		
NGC 381		H64-8	Open Cluster III 1 m	CL,PC

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NGC 381		H64-8	Open Cluster III 1 m	CL,PC
Sep 28 2013 36"	17mmT4	VB,BL,~30*S,LOOSLY	SC,FILLS FOV,R=F	
Jul 31 1981 12.5"	24mm	BLENDS IN WITH FIELD OF *S OF ~SAME MAG		
Sep 03 1980 12.5"	24mm			
NGC 433			Open Cluster III 2 p	CL,S,LC
Sep 18 2004 31"	17mmT4	MB,ML,~10*S,ONE B* IN CNTR,M CL,SC,SIM MAG,R=F		
NGC 436		H45-7	Open Cluster I 2 m	CL,S,IF,PC
Aug 13 1982 12.5"	24mm	MF,MS,20-30 *S,LOOSE,SC		
NGC 457		H42-7	Open Cluster II 3 r	CL,B,L,PRI,*7,8,10
Jul 31 1981 12.5"	16mm	B*S,FEW *S ~20,L SC THRUT EYEPIECE		
Jul 17 1980 12.5"	24mm			
NGC 559		H48-7	Open Cluster I 1 m	CL,B,PL,PRI
Jul 31 1981 12.5"	24mm	FEW B*S, MOSTLY FTR *S ~10-11 MAG,~50*S IN ALL		
NGC 581	M103		Open Cluster II 2 m	CL,PL,B,R,RI,*10..11
Nov 11 2020 36"	31mmT5	(II 2 m),EB,VL,NICE FOV,B CARBON (RED) * IN CL,SMWHT CL,*S VAR MAG,(10:37pm),R=G		
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Jul 31 1981 12.5"	24mm	PB,ML,*S 7...10 MAG,TRIANGLE SHAPE		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Sep 18 1980 12.5"	24mm			
Sep 03 1980 12.5"	24mm			
Jul 17 1980 12.5"	24mm			
NGC 609			Open Cluster 14.0 II 3 r	CL,S,PRI,*14...
Sep 18 2004 31"	17mmT4	MF,ML,~50*S,CL,SIM MAG,NICE IN 17MM,R=G		
NGC 637		H49-7	Open Cluster I 2 m	CL,PS,B\$VF ST
Jul 31 1981 12.5"	24mm	S IN SWHT BARREN * FIELD,FEW F*S SEEN		
NGC 654		H46-7	Open Cluster II 2 r	CL,IF,RI,1*6.7,
Jul 31 1981 12.5"	24mm	SM,LTL DIFF SEEN IN CL,FEW *S		
NGC 657			Open Cluster	CL,PRI,ST12
Sep 18 2004 31"	17mmT4	MB,ML,LOOSE,SC,~50*S,NO CL DET,R=P		
NGC 659		H65-8	Open Cluster I 2 m	CL,LRI,ST B
Aug 13 1982 12.5"	24mm	MF,MS,SC,APPEARS TO BE BROKEN IN CNTR,CLOSE TO 663		
NGC 663		H31-6	Open Cluster II 3 r	CL,B,L,ERI,ST PL
Jul 31 1981 12.5"	16mm	PL,CL BROKEN IN HALF,DARK PATCH THROUGH CL		
NGC 743			Open Cluster IV 1 p	CL,NOTRI,D*
Sep 18 2004 31"	17mmT4	PB,PL,~15*S,LOOSLY SC,CL,SIM MAG,R=F		

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NGC 886		Open Cluster IV 2 p	CL,L,LC,SC,ST9...13
Sep 18 2004 31"	17mmT4	PB,PL,~30*S LOOSLY SC,VAR MAG,R=P	
NGC 896		H695-3	Brn Nebula E
Nov 13 2020 36"	31mmT5	(Lb 2),DIF,VB,EEL,W/OIII,AWESOME,PATCHY AREAS STAND OUT IN FOV,2-3 FOV'S,DK AREAS THROUGH OUT,(10:55pm),R=GE	EF,PL,IF
Sep 06 2002 12.5"	9mmT6	PF,EL,B NEB,F HINT OF B AREA COMPARED TO BG,LOCATION GOOD	
NGC 1027		H66-8	Open Cluster II 3 m n
Aug 13 1982 12.5"	24mm	VB,VL,B* IN CL,15*S	CL,L,SC ST,ONE10M
NGC 1343		H694-3	Galaxy SAB(s)b: pec
Jan 30 2003 12.5"	9mmT6	MB,PL,R,FNUC,S HISB,F* OFF TO ONE SIDE,FACE ON,R=G	F,VS,IR,GBM,D*V NR
NGC 7635		H52-4	Brn Nebula E
Jul 31 1981 12.5"	16mm	VDIF,IRR IN SHAPE,NEB SUR B*,BUBBLE NEB	VF,*8INV L EXCENTRIC
NGC 7654	M52	Open Cluster II 2 r	CL,L,RI,MCM,R,*9..13
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004	
Jul 31 1981 12.5"	24mm	PB,VL,7-8*,UB,R,B* N SIDE OF M52	
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981	
Jul 17 1980 12.5"	24mm		
Jun 20 1980 12.5"	24mm		
NGC 7788		Open Cluster I 2 p	CL,S,PRI,VC,*10,13..
Sep 19 2004 31"	17mmT4	PB,PL,FEW B*S WITH ~20*S FTR *S,CL,NICE IN 17MM,R=F	
NGC 7789		H30-6	Open Cluster II 2 r
Jul 31 1981 12.5"	24mm	~50-100*S,A LOT OF F*S ASSOC WITH CL	CL,VL,VRI,VMC,*11.18
Jun 20 1980 12.5"	24mm		
NGC 7790		H56-7	Open Cluster II 2 m
Jul 31 1981 12.5"	24mm	FEW *S,SC IN FIELD *S	CL,PRI,PC
PGC 11282		Galaxy S?	
Jan 29 2014 36"	17mmT4	EF,PS,EDGE ON,LOC GOOD, AV ON NUC AREA ONLY,NO ARMS,SUSP,R=P	