

Cepheus - The King

CR 427		Open Cluster IV 1 pn	
Sep 12 2012 36"	17mmT4	VF,MS,APPROX 10"S SIM MAG,OUTTER EDGE OF NGC 7023,R=P	
IC 455		Galaxy S0	
Sep 06 2002 12.5"	9mmT6	VDIF,VF,VS,OVAL PATCH,UB,PAIR/2276/2300	
IC 469		Galaxy SAB(rs)ab:	
Sep 06 2002 12.5"	9mmT6	DIF,PF,PS,OVAL PATCH,UB,LOC INSIDE OF A BOX OF *S	
IC 1396		Open Cluster II3mn	
Sep 18 2004 31"	25mm	EB,EL,APPROX 50"S,VAR MAG,SEVERAL FOV'S,LOOSLY SCATTERD,2 D*S IN CENTER,R=P	
IC 1454		Planetary Neb 4	
Sep 12 2012 36"	17mmT4	MF,MS,R,PATCH,UB,2F*S ON EDGE,NO CENTRAL *,W/OIII,R NEB WITH DARK INNER CIRCLE,R=G	
Jun 20 2004 31"	17mmT4	W/OIII,PB,PL,R,UB,VERY ROUND,SHARP EDGES,DARK CENTER,2F*S ON OUTER EDGE,R=G	
IC 1470		Nebula E	
Sep 18 2004 31"	17mmT4	DIF,W/OIII,PB,ML,BNUC,SHISB,COMET LIKE,GMBM,B* IN BEB,BLUE-GREENISH,R=G	
IC 1502		Galaxy S0+	
Oct 12 2012 36"	17mmT4	MF,MS,ELONG,LARGE BNUC,HISB MIDDLE,R=FG	
Jun 24 2003 12.5"	9mmT6	MF,PS,PATCH,*NUC,SHISB,2F*S ON EDGE OF GAL,SOMEWHAT BM,STELL NUC SUSP,R=F	
LBN 497		Nebula	
Sep 12 2012 36"	17mmT4	PB,ML,3-5 SCATTERED B* EACH WITH NEB AROUND *S.SOME PATCH NEB AREAS,INSIDE N7133,R=G	
MINK 2-51		Planetary Neb 2+3	
Jun 20 2004 31"	17mmT4	PF,MS,R,WITH OIII,VERY F* IN CENTER,R=G	
NGC 40		H58-4	Planetary Neb 3b+3
Sep 02 2008 31"	17mmT4	PB,ML,OVAL,LAYERS OF RINGS DET,BRT C*,GREENISH,F* ON EDGE,OIII NO HELP,R=E	F,VS,R,VSMBM,*12SP
Jul 09 1983 12.5"	12mm	MB,PS,BNEC,BRT CENTRAL *,SHARP EDGES,R	
Aug 13 1982 12.5"	16mm	BG COLOR,MF,PS,R,BRT CENTRAL *,(10TH MAG),SIM TO BLINKING PL,F*W SIDE	
Aug 13 1982 12.5"	7mm	ELONGATION STARTING TO SHOW UP	
NGC 188		Open Cluster 10.0 I 2 r	CL,VL,R,150-200*
Jul 09 1983 12.5"	24mm	MF,PL,APPROX 50"S SCATTERED,FAINT BACKGROUND GLOW OF MANY *S	
NGC 1184		H704-2	Galaxy S0/a
Jan 30 2003 12.5"	9mmT6	MB,PL,EDGE ON,FNUC,SBM,CENTRAL BULGE,R=G	F,PL,ME
Sep 06 2002 12.5"	9mmT6	MB,ML,ELONG,SOMEWHAT EDGE ON,HISB MIDDLE,GMBM,CENTRAL BULGE	
NGC 1544		Galaxy S?	VF,VS
Jan 30 2003 12.5"	9mmT6	PF,MS,OVAL,PATCH,FNUC,2F*S BOTH SIDES,F*IN GAL,SMALL NUC,SBM,R=F	
NGC 2276		Galaxy SAB(rs)c	F,60",LBM

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NGC 2276		Galaxy SAB(rs)c	F,60",LBM
Sep 06 2002 12.5"	9mmT6	DIF,PF,VL,OVAL,UB,NND,CLOSE TO B*,PAIR/2300/IC455	
NGC 2300		Galaxy SA0^	PB,PL,LE,BM
Sep 06 2002 12.5"	9mmT6	VB,PL,R,MOD HISB,BM,PAIR/2276/IC455	
NGC 6939		H42-6	Open Cluster 11.9 II 1 r
Jul 09 1983 12.5"	24mm	MB,PL,APPROX 100*"S,SOMEWHAT V SHAPED,CLUSTER HAS DEFINITE EDGE,PAIR/6946	CL,PL,ERI,PCM,*11.16
Jun 06 1981 12.5"	16mm	PF,PL	
Aug 19 1980 12.5"	32mm	LOC THIS FIRST BEFORE 6946	
NGC 6946		H76-4	Galaxy SAB(rs)cd
Sep 12 2012 36"	17mmT4	PB,VL,SMALL BNUC,SPIRAL ARMS,KNOTS IN ARMS DET,H2 REGIONS DET,R=E	VF,VL,VG,VSBM,RR
Jun 22 2003 12.5"	9mmT6	VB,EL,R,NND,SHISB,AREAS OF PATCHES DET,SEVERAL *S IN GAL,R=E	
Jul 09 1983 12.5"	24mm	MF,VL,OVAL,3B*"S TO ONE SIDE,SEVERAL F*"S IN GAL,SPR STR SUSP,PAIR/6939	
Aug 14 1982 12.5"	16mm	EDIF,MF,PL,PATCHY,OVAL,NND,STARS IN GAL,SEE CARD FOR DRAWING	
Jun 06 1981 12.5"	16mm	DIF,VL,MB,SOME SPR STR DET,FACE ON,SEVEAL *S IN GAL,RESEMBLES M33	
Aug 19 1980 12.5"	32mm	VF,COULD NOT FIND IN 24MM	
NGC 6949		Galaxy S?	EF,PS,IR
Sep 12 2012 36"	17mmT4	MF,MS,OVAL,SNUC,SOMEWHAT HISB MIDDLE,SLIGHTLY BM,* OR *S IN CENTER,R=F	
Jun 22 2003 12.5"	9mmT6	VDIF,VF,ML,OVAL,PATCH,UB,NND,AV,LOC IN RICH * FOV,R=P	
NGC 6952		Galaxy SAB(rs)bc	PB,OVAL,DIF,*15NR F
Sep 12 2012 36"	17mmT4	MB,MS,OVAL,SMALL BNUC,FT HALO AROUND NUC,SOME SPR STR,HISB MIDDLE,3 VF*"S IN ARMS,R=G	
Jun 22 2003 12.5"	9mmT6	MB,PL,OVAL,BNUC,SHISB,SMBM,AREAS OF BRT REGIONS AROUND NUC,R=G	
Jul 06 2002 12.5"	16mm	VDIF,VF,MS,PATCH,OVAL,F* ONE SIDE	
Jul 09 1983 12.5"	16mm	EDIF,VF,MS,OVAL,SBM,* TO W SIDE	
Aug 14 1982 12.5"	16mm	BAR MAYBE SUSP	
Aug 14 1982 12.5"	24mm	DIF,MF,MS,BRT NUC,R,F* OFF E SIDE	
Jun 06 1981 12.5"	16mm	DIF,MF,ML,DNUC,FAINT HALO,14* IN OR AROUND GAL	
NGC 7023		H74-4	Nebula R
Sep 12 2012 36"	17mmT4	PB,VL,3*"S WITH NEB,FINE DETAIL IN WISP OF NEB,GREENISH,OIII NO HELP,PATCHES,DRK AREAS,PAIR=CR 427,R=G	*7IN EF,EL,NEBY
Jul 09 1983 12.5"	12mm	DIF,MB,MS,GAS AROUND B*,SOME DETAIL IN GAS DET	
NGC 7076		H936-3	Planetary Neb 3b
Jun 20 2004 31"	17mmT4	W/OIII,PF,ML,R,ONE SIDE BRIGHTER THAN OTHER,R=F	VF,ER
NGC 7129		H75-4	Nebula IV 2 p n
Sep 12 2012 36"	17mmT4	MB,ML,15*"S LITTLE CLUSTERING,VAR MAG,SCATTERED,PAIR=7133,R=P	CF,PL,GBM***
Jun 20 2004 31"	17mmT4	PB,PL,LOOSLY SCATTERED,APPROX 10 *S,PAIR=7133,R=F	
Aug 11 1982 12.5"	24mm	MF,PS,R-OVAL,4*"S ON OUTSIDE EDGE,1F* IN CENTER OF OBJECT,SAME FOV AS 7142	
NGC 7133		Nebula R	VF,PL
Sep 12 2012 36"	17mmT4	PB,ML,3-5 SCATTERED B* EACH WITH NEB AROUND *S.SOME PATCH NEB AREAS,PAIR=7129,R=G	

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NGC 7133		Nebula R	VF,PL
Jun 20 2004 31"	17mmT4	MB,PL,LARGE BRT NEBULA,AREA OF NEB,CLUSTER OF LOOSLY *'S,R=G	
NGC 7139		H696-3	Planetary Neb 3b
Sep 12 2012 36"	17mmT4	MB,ML,R,UB,W/OIII,SOME PATCHY DARK AREAS,OIII HELPS BRING OUT MORE DETAIL,R=G	VF,CS,R,R
Aug 25 1982 12.5"	24mm	VDIF,VF,ML,R,BARELY VISIBLE IN 24MM,F* IN S PART OF NEBULA,UB	
NGC 7142		H66-7	Open Cluster 11.0 I 2 r
Jul 09 1983 12.5"	24mm	MB,ML,LOOSE-SCATTERED,APPROX 40*'S SAME MAG	CL,CL,CRI,PC,*11..14
Aug 11 1982 12.5"	24mm	MF,VL 3OR 4 B*'S WITH HUNDREDS OF F*'S SCATTERED,PAIR/7129	
NGC 7160		H67-8	Open Cluster 7.0 I 3 p
Jul 09 1983 12.5"	24mm	MB,ML,COUPLE OF B*'S IN CLUSTER WITH FAINTER *'S,APPROX 50*'S,LOOSE	CL,P,VLC
Aug 11 1982 12.5"	24mm	VB,MS,2B*'S IN CENTER,20-30 *'S,DOES NOT STAND OUT WELL IN FOV	
NGC 7226		Open Cluster 10.8 I 2 m	PB,L,IN CLUSTER
Sep 12 2002 12.5"	32mm	PB,ML,APPROX 20*'S SAME MAG,STANDS OUT WELL	
NGC 7234		H63-8	Open Cluster cluster?
Jun 20 2004 31"	17mmT4	MF,PS,APPROX 7 *'S SIMILAR MAGNITUDE,R=F	CL,S,P,LC
Sep 12 2002 12.5"	32mm	PF,VS,APPROX 10*'S SIMILAR MAG,FAINT GLOW PRESENT	
Sep 18 1982 12.5"	16mm	DIF,VF,PS,R,SBM,CLOSE PAIR/7235	
NGC 7235		Open Cluster 8.8 II 3 m	CL,PC,HAS RUBY*10
Jun 20 2004 31"	17mmT4	VB,VL,LOOSELY SCATTERED,VARIOUS MAGNITUDES,WELL PLACED IN 17MM,R=G	
NGC 7261		Open Cluster 9.6 II 3 m	CL,L,PRI,LC
Jul 09 1983 12.5"	24mm	MB,PL,LOOSE SCATTERED,APPROX 30*'S	
NGC 7281		Open Cluster IV 2 p	CL,L,PRI,LC,*10...16
Jun 20 2004 31"	17mmT4	PB,ML,APPROX 20 *'S,VARIOUS MAGNITUDES,LOOSELY SCATTERED,R=F	
NGC 7352		Open Cluster cluster?	CL,VL,PRI,VLC
Jun 20 2004 31"	17mmT4	PB,ML,APPROX 10 *'S SCATTERED,R=P	
NGC 7354		H705-2	Planetary Neb 4+3b
Sep 12 2012 36"	17mmT4	PB,ML,R,UB,MHISB,BLUEISH GREEN,NO C*,OIII DARKENS NEB AND BRINGS OUT MORE DET,PATCHY,DARK AREAS,R=E	PLN,B,S,R,PGVLBM
Sep 02 2008 31"	17mmT4	PB,ML,R,UB,GREENISH,NO C*,SOFT,OIII DOESNOT HELP MUCH,R=E	
Jul 09 1983 12.5"	12mm	VF,PS,2F*'S ON EDGE,VERY R,SOFT UB GLOW	
NGC 7380		H77-8	Open Cluster 10.0 III 2 m n
Jul 09 1983 12.5"	24mm	MB,PL,SAME DEC AS 7261,LARGE TRI SHAPE,LOOSE,SCATTERED,APPROX 50*'S	CL,PL,PRI,LC,*9...13
Aug 11 1982 12.5"	24mm	MB,PL,50-70*'S,FAINT GLOW BETWEEN *'S,TRI SHAPE CLUSTER,GRT > 10 ARC MIN	
NGC 7419		H43-7	Open Cluster 10.0 I 2 m
Sep 04 2002 12.5"	32mm	PB,ML,FEW B*'S WITH GLOW IN BACKGROUND	CL,PRI,CC

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NGC 7423		H745-3	Open Cluster 15.0 II 2 m	VF,PL,IF,ER
Jun 20 2004 31"	17mmT4	MF,PL,APPROX 50 *S SAME MAGNITUDE,SOME B*S FOREGROUND,R=G		
NGC 7429			Open Cluster 11.0 IV 2 p	CL,P,PC,*9...11
Sep 18 2004 31"	17mmT4	PB,ML,APPROX 10*S,LOOSE & SCATTERED,VARIOUS MAG,R=F		
NGC 7510		H44-7	Open Cluster 10.0 II 3 r n	CL,PRI,PC,FAN-SH,B*P
Jul 09 1983 12.5"	16mm	MB,MS,ARROW HEAD SHAPE,APPROX 40*S,SIMILAR TO M103		
Aug 11 1982 12.5"	24mm	MB,VS,B*S RESEMBLE TRI,F*S NW,APPROX 30*S,STANDS OUT WELL		
NGC 7538		H706-2	Nebula E	VF,L,2PB*INV
Sep 18 2004 31"	17mmT4	W/OIII,PB,PL,UB,SHISB,2 B*S IN CTR,WHISPS OF NEB,SPIRAL SHAPE,GREENISH,R=E		
NGC 7708		H62-8	Open Cluster 7.3 asterism?	CL,L,P,LC,*8,10...15
Sep 18 2004 31"	25mm	VB,EL,APPROX 50*S,SEVERAL FOV'S,VAR MAG,SCATTERED,R=P		
NGC 7762		H55-7	Open Cluster 11.0 II 2 m	CL,PRI,PC,*11...15
Jul 09 1983 12.5"	24mm	MF,ML,DOESNOT STAND OUT WELL,LOOSE		
NGC 7822			Nebula R	EEF,EEL
Sep 18 2004 31"	25mm	EDIF,EF,EL,LARGE BRT NEB,SOME NEB SUSP,SEVERAL DEG,LOC B* GROUP THEN SCAN,R=P		
PAL 1			Globular	
Sep 18 2004 31"	17mmT4	VDIF,EF,MS,PATHC,UB,AV,STAR HOPPED,LOC GOOD,PATCH AREA WITH AV,R=P		
PGC 12391			Galaxy Im	
Sep 06 2002 12.5"	9mmT6	EF,ES,STELLAR,LOCATION GOOD		
PGC 20028			Galaxy Double System	
Dec 28 2008 31"	17mmT4	DIF,VF,MS,OVAL,PATHC,NND,PAIR=PGC20066,R=P		
PGC 20066			Galaxy E?	
Dec 28 2008 31"	17mmT4	PF,MS,OVAL,VSFNUC,VF* OFF EDGE,PAIR=PGC20028,R=F		
PGC 20191			Galaxy S	
Dec 28 2008 31"	17mmT4	PF,MS,EDGE ON,PATCH,NND,R=F		
PGC 65255			Galaxy Sbc	
Jul 24 2006 31"	17mmT4	MB,ML,ELONG,PATCH,UB,SHISB,R=G		
PGC 69376			Galaxy Sc	
Sep 12 2012 36"	17mmT4	PF,PS,ELONG,PATCH,UB,NND,CIGAR SHAPE,R=F		
SH2 155			Nebula	
Sep 02 2008 31"	31mmT5	EDIF,EF,EEL,PATCH,SEVERAL FOV,FEW BRT PATCHES DET,VF BG GLOW AREAS,R=P		