

Globular Cluster Observations

IC 1257	Oph	Globular		
May 16 2004 31"	17mmT4	DIF,VF,ML,OVAL,UB,LOC IN BARRON * FIELD,R=P		
NGC 288	Sci	H20-6 Globular	GCL,B,L,LE,*12...16	
Sep 23 1981 12.5"	16mm	DIF,MB,EL,R,SEVERAL HUNDRED **S SAME MAG,V LITTLE CLUSTERING TOWARDS MID		
Sep 09 1980 12.5"	16mm	RESOLVED TO CORE,EXCELLENT!!		
NGC 1904	Lep M79	Globular	GCL,PL,ERI,EC,RRR	M 79
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 02 1984 10"	20mm	SAME		
Oct 24 1981 12.5"	24mm	VB,MLCRESOLVED,DOZENS OF **S AROUND NUC.SPLASHING EFFECT		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Oct 31 1980 12.5"	24mm			
Sep 18 1980 12.5"	24mm			
Sep 09 1980 12.5"	24mm			
NGC 2298	Pup	Globular	GCL,B,PL,IR,GBM,RR	
Dec 03 1980 12.5"	24mm			
NGC 2419	Lyn	H218-1 Globular	PB,PL,LE90,VGBM,*4F	
Oct 16 1982 12.5"	16mm	MF,PL,R,UB,SBM,2 B**S POINT TO IT,COUPLE OF F**S SCATTERED AROUND OBJECT		
NGC 4147	Com	H19-1 Globular	GCL,VB,PL,R,GBM,RRR	
Mar 08 2010 31"	17mmT4	PB,ML,TYPE APPROX VI,RESOLVED TO CORE,SBNUC,MOD HISB MIDDLE,F HALO OF **S RESOLVED,R=G		
Feb 12 1983 12.5"	12mm	MB,PL,RESOLVED TO CORE,OUTER **S CLOSELY GROUPED,BM		
Jun 10 1980 6"	24mm	VF,LOOKS LIKE FAINT GAL		
NGC 4590	Hya M68	Globular	GCL,L,ERI,VC,IR,ST12	M 68
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Dec 03 1980 12.5"	24mm			
NGC 5024	Com M53	Globular	GCL,B,VC,IR,VVMBM,	M 53
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 02 1984 10"	20mm	VB,VL,BNUC,R,OUTTER **S RESOLVED,LARGE BRT NUC		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
NGC 5053	Com	H7-6 Globular	CL,VF,PL,IR,VGBM,*15	
Mar 22 2004 12.5"	12mmT4	VDIF,EF,VL,OVAL,FAINT PATCHY AREAS DETECTED,MORE WITH AV,R=P		
Mar 27 1981 12.5"	24mm			
NGC 5272	CVn M3	Globular	GCL,EB,VL,VSMBM,*11.	M 3
Feb 04 2005 31"	17mmT4	EB,EL,RESOLVED TO CORE,OUTSTANDING,BEST TO DATE,PAIRS=MAC,R=E		
Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Feb 15 2004 31"	17mmT4	EB,EL,M3,THOUSANDS OF **S,RESOLVED TO CORE,BEST TODATE,WELL PLACED,PAIRS=MAC,R=E		
Jan 28 1982 12.5"	16mm	VB,VL,RESOLVED TO THE CORE,HUNDREDS OF **S,LOOKS SOMEWHAT 3-D		
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
Jul 14 1980 12.5"	24mm			
Jul 11 1980 12.5"	24mm			

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NGC 5272	CVn M3		Globular	GCL,EB,VL,VSMBM,*11.	M 3
Jul 05 1980	12.5"	24mm			
Apr 18 1980	6"	24mm			
Apr 16 1980	6"	24mm			
NGC 5466	Boo	H9-6	Globular	CL,L,VRI,VMC,ST11...	
May 06 1981	12.5"	16mm		VB,EL	
Jul 14 1980	12.5"	24mm			
NGC 5634	Vir	H70-1	Globular	GCL,VB,CL,R,GBM,RRR	
Jun 11 1983	12.5"	20mm		VB,PL,BNUC,TRI OF B*S AROUND OBJECT,HISB,BM	
NGC 5694	Hya	H196-2	Globular	CB,CS,R,PSBM,R,*9SP	
Jun 11 1983	12.5"	20mm		MF,PS,BNUC,R,2*S SE,1*SW 1 GAL DIA,1F* SW 2 GAL DIA,MOD HISB	
NGC 5897	Lib	H19-6	Globular	GCL,PF,L,VIR,VGBM,	
May 02 1981	12.5"	16mm		PB,EL	
NGC 5904	Ser M5		Globular	GCL,VB,L,ECM,*11..15	M 5
Mar 19 2004	12.5"	12mmT4		MESSIER MARATHON 2004	
May 31 1981	12.5"	16mm		EB,EL	
Mar 27 1981	12.5"	24mm		MESSIER MARATHON 1981	
Jul 11 1980	12.5"	24mm			
Jun 18 1980	12.5"	24mm			
Jun 10 1980	6"	24mm			
NGC 6093	Sco M80		Globular	GCL,VB,L,VMBM(VAR*)	M 80
Mar 22 2004	12.5"	12mmT4		MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm		MESSIER MARATHON 1981	
Sep 10 1980	12.5"	24mm			
Jul 17 1980	12.5"	24mm			
Jun 18 1980	12.5"	24mm			
NGC 6121	Sco M4		Globular	CL,8OR10B*LINE,RRR	M 4
Mar 22 2004	12.5"	12mmT4		MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm		MESSIER MARATHON 1981	
Sep 10 1980	12.5"	24mm			
Sep 03 1980	12.5"	24mm			
Jul 17 1980	12.5"	24mm			
Jun 20 1980	12.5"	24mm			
Jun 18 1980	12.5"	16mm		LOOKS IMPRESSIVE	
May 07 1980	5"	9mm			
Apr 16 1980	6"	24mm			
NGC 6144	Sco	H10-6	Globular	CL,CL,MC,GBM,RRR	
May 28 2008	31"	17mmT4		MB,PL,RESOLVED,SEVERAL B*S WITH FAINTER BACKGROUND,CORE NOT SO COMPACT,R=G	
Aug 13 1982	12.5"	24mm		DIF,MF,PS,CLOSE TO ANTARIES,F*W,F*N EDGE,OVAL,NO CENTRAL GATHERING DET	
NGC 6171	Oph M107	H40-6	Globular	GCL,L,VRI,VMC,R,RRR	M 107
Mar 22 2004	12.5"	12mmT4		MESSIER MARATHON 2004	

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NGC	6171	Oph	M107	H40-6	Globular	GCL,L,VRI,VMC,R,RRR	M 107
	Jul 21 1984	12.5"	16mm			SAME	
	Aug 13 1982	12.5"	16mm			MB,PL,SBM,R,3B*S AROUND OBJECT,SOME F* SCATTERED	
	Mar 27 1981	12.5"	24mm			MESSIER MARATHON 1981	
	Sep 10 1980	12.5"	24mm				
	Jul 11 1980	12.5"	24mm				
	Jun 18 1980	12.5"	24mm				
	Jun 10 1980	6"	24mm				
	May 07 1980	5"	9mm				
	Apr 16 1980	6"	24mm				
NGC	6205	Her	M13		Globular	GCL,EB,VRI,VGECM,*11	M 13 Great Cluster in Hercules
	Mar 19 2004	12.5"	12mmT4			MESSIER MARATHON 2004	
	Feb 25 1982	12.5"	16mm			VB,VL,BNUC,RESOLVED TO CORE,BEAUTIFUL!!!,HUNDREDS OF *S	
	Sep 20 1981	12.5"	24mm				
	Mar 27 1981	12.5"	24mm			MESSIER MARATHON 1981	
	Sep 10 1980	12.5"	24mm				
	Sep 03 1980	12.5"	24mm				
	Jul 14 1980	12.5"	24mm				
	Jul 12 1980	12.5"	24mm				
	Jul 11 1980	12.5"	24mm				
	Jul 05 1980	12.5"	24mm				
	Jun 20 1980	12.5"	24mm				
	Jun 18 1980	12.5"	9mm			LOOKS GREAT!!!	
	Jun 17 1980	12.5"	24mm			OK,RESOLVED TO CORE IN 9MM,24MM AND BARLOW BEAUTIFUL!!!	
	Jun 10 1980	6"	24mm				
	Apr 18 1980	6"	24mm				
	Apr 16 1980	6"	24mm				
NGC	6218	Oph	M12		Globular	GCL,VB,VL,IR,GMBM	M 12
	Mar 22 2004	12.5"	12mmT4			MESSIER MARATHON 2004	
	Jul 21 1984	12.5"	16mm			EB,VL,BNUC,B* OUTSIDE CENTER,MANY B*S RESOLVED,MOD HISB,HUNDREDS OF FIELD *S	
	Jun 04 1981	12.5"	24mm			EB,EL,BNUC,6 MAG *S	
	Mar 27 1981	12.5"	24mm			MESSIER MARATHON 1981	
	Sep 10 1980	12.5"	24mm				
	Jul 11 1980	12.5"	24mm				
	Jun 18 1980	12.5"	24mm				
	Jun 10 1980	6"	24mm				
	May 07 1980	5"	9mm				
	Apr 16 1980	6"	24mm				
NGC	6229	Her		H50-4	Globular	GCL,VB,L,R,DISC,R	
	Feb 25 1982	12.5"	16mm			MB,MS,BNUC,MOD HISB,ALMOST RESOLVED,R	
	Jul 14 1980	12.5"	24mm				
	Jul 12 1980	12.5"	24mm				
	Jul 11 1980	12.5"	24mm				
	Jun 17 1980	12.5"	24mm				
	Apr 18 1980	6"	24mm			LOOKS LIKE 3RD * IN A TRI	
NGC	6235	Oph		H584-2	Globular	PB,CL,IR,RRR,*14..16	

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NGC 6235	Oph	H584-2 Globular PB,CL,IR,RRR,*14..16
Jul 21 1984	12.5" 16mm	VDIF,VF,MS,FAINT PATCH,FAINT TRI OF *S AROUND OBJECT
Jun 04 1981	12.5" 24mm	DIF,MB,ML,10 MAG *S
Jun 18 1980	12.5" 24mm	VF,FAINT TRI OF *S SURROUND OBJECT
NGC 6254	Oph M10	Globular GCL,B,VL,R,GVMBM,RRR M 10
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004
Jul 21 1984	12.5" 12mm	VB,VL,BNUC,BRT THAN M12,CORE RESOLVING WITH FAINT BACKGROUND GLOW,HISB
Jun 04 1981	12.5" 24mm	EB,PL,BNUC,6 MAG *S
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981
Sep 10 1980	12.5" 24mm	
Jul 11 1980	12.5" 24mm	
Jun 18 1980	12.5" 24mm	
Jun 10 1980	6" 24mm	
May 07 1980	5" 9mm	
Apr 16 1980	6" 24mm	
NGC 6266	Oph M62	Globular GCL,VB,L,GMBM,RRR, M 62
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004
Jun 04 1981	12.5" 24mm	MB,ML,BNUC
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981
Jun 18 1980	12.5" 24mm	
Jun 10 1980	6" 24mm	
NGC 6273	Oph M19	Globular GCL,VB,L,R,VCM,RRR M 19
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004
Jul 21 1984	12.5" 16mm	MB,PL,BNUC,BRT * JUST OUTSIDE CORE,NOT MANY *S RESOLVED,HISB
Jun 04 1981	12.5" 24mm	MB,ML,BNUC
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981
Jun 18 1980	12.5" 24mm	
NGC 6284	Oph	H11-6 Globular GCL,B,L,R,CM,ST16...
Jul 21 1984	12.5" 16mm	PF,PS,FNUC,NOT RESOLVED,SBM,PATCHY
Jun 04 1981	12.5" 24mm	MB,PL,BNUC
Jun 18 1980	12.5" 24mm	BETTER THAN 6287,BNUC
Jun 18 1980	12.5" 24mm	
NGC 6287	Oph	H195-2 Globular GCL,CB,L,R,GPMCM,RRR
Jul 21 1984	12.5" 16mm	VDIF,VF,MS,OVAL,UB,NO *S RESOLVED
Jun 04 1981	12.5" 24mm	DIF,PF,MS
Jun 18 1980	12.5" 24mm	EF,NND,LOC IN BARREN * FIELD
NGC 6293	Oph	H12-6 Globular GCL,VB,L,R,PSBM,ST16
Jul 21 1984	12.5" 12mm	MB,PL,BNUC,R,SBM,NO *S RESOLVED
Jun 04 1981	12.5" 24mm	MB,ML,BNUC
Jun 18 1980	12.5" 24mm	
NGC 6304	Oph	H147-1 Globular GCL,B,CL,R,LBM,RRR
Jun 04 1981	12.5" 24mm	DIF,MF,PS
Jun 18 1980	12.5" 24mm	

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NGC 6316	Oph	H45-1	Globular	GCL,CB,PS,R,GVMBM
Jun 04 1981	12.5" 24mm			DIF,MF,MS
NGC 6325	Oph		Globular	PF,L,R,RR
Jun 04 1981	12.5" 24mm			DIF,EF,ML,LOCATED NORTH OF DOUBLE *
NGC 6333	Oph M9		Globular	GCL,B,L,R,ECM,RRR, M 9
Mar 22 2004	12.5" 12mmT4			MESSIER MARATHON 2004
Jul 21 1984	12.5" 12mm			MB,ML,BNUC,OUTTER *S RESOLVED,HISB,*S GLOWING BEHIND
Jun 04 1981	12.5" 24mm			MB,ML,BNUC
Mar 27 1981	12.5" 24mm			MESSIER MARATHON 1981
Jul 11 1980	12.5" 24mm			
Jun 18 1980	12.5" 24mm			
Jun 10 1980	6" 24mm			
Apr 16 1980	6" 24mm			
NGC 6341	Her M92		Globular	GCL,VB,VL,ECM,ST S M 92
Mar 19 2004	12.5" 12mmT4			MESSIER MARATHON 2004
Jun 25 2003	12.5" 9mmT6			EB,EL,RESOLVED TO CORE,BEAUTIFUL,R=E
Feb 25 1982	12.5" 16mm			RESOLVED TO CORE,VB,VL,BNUC,SMALLER THAN M13
Mar 27 1981	12.5" 24mm			MESSIER MARATHON 1981
Sep 03 1980	12.5" 24mm			
Jul 14 1980	12.5" 24mm			
Jul 12 1980	12.5" 24mm			
Jul 11 1980	12.5" 24mm			
Jul 05 1980	12.5" 24mm			
Jun 17 1980	12.5" 24mm			
Jun 10 1980	6" 24mm			
Apr 18 1980	6" 24mm			
Apr 16 1980	6" 24mm			
NGC 6342	Oph	H149-1	Globular	CB,PS,LE,ER
Jul 21 1984	12.5" 12mm			VF,VS,VF* ON S EDGE,PATCH-UB,NO I'S RESOLVED
Jun 04 1981	12.5" 24mm			DIF,PF,PS
Jun 18 1980	12.5" 24mm			VS,LOOKS LIKE NEB
Jun 10 1980	6" 24mm			VF,HARD TO SEE
NGC 6355	Oph	H46-1	Globular	CF,L,R,GBM,RRR
Jun 04 1981	12.5" 24mm			DIF,PF,PS
NGC 6356	Oph	H48-1	Globular	GCL,VB,CL,VGVMBM,RRR
Jul 21 1984	12.5" 12mm			MB,ML,BNUC,R,HISB MIDDLE,*S NOT RESOLVED
Jun 04 1981	12.5" 24mm			MB,ML,BNUC
Jun 18 1980	12.5" 24mm			
Jun 10 1980	6" 24mm			
NGC 6366	Oph		Globular	F,L,VLBM
Jun 04 1981	12.5" 24mm			DIF,VF,EL,EAST OF B*
NGC 6401	Oph	H44-1	Globular	PB,PL,R,*12F INV

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NGC 6401	Oph	H44-1	Globular	PB,PL,R,*12F INV
Jun 04 1981	12.5" 24mm			DIF
NGC 6402	Oph M14		Globular	GCL,B,VL,R,ERI,VGMBM M 14
Apr 14 2004	31" 17mmT4			EB,EL,VERY BNUC,M14,100'S OF *S RESOLVED TO CORE,BEST TO DATE,LARGE CORE AREA
Mar 22 2004	12.5" 12mmT4			MESSIER MARATHON 2004
Jul 21 1984	12.5" 12mm			MB,PL,BNUC,OUTTER *S RESOLVED,R,HISB MIDDLE
Jun 04 1981	12.5" 24mm			VB,VL
Mar 27 1981	12.5" 24mm			MESSIER MARATHON 1981
Jun 18 1980	12.5" 24mm			
Jun 10 1980	6" 24mm			
NGC 6426	Oph	H587-2	Globular	VF,CL,E,VLBM
Jun 04 1981	12.5" 24mm			DIF,MF,PS
NGC 6440	Sgr	H150-1	Globular	PB,PL,R,BM
Sep 20 1984	12.5" 12mm			DIF,MF,PS,BETWEEN A LINE OF *S,6440 TO N 1/2 DEGREE,R,BM
Aug 13 1982	12.5" 16mm			MF,VS,F*N,R,SBM,VF*W,PAIR/6445
NGC 6517	Oph	H199-2	Globular	PB,PL,R,RR
Jun 04 1981	12.5" 24mm			DIF,PF,PS
NGC 6522	Sgr	H49-1	Globular	GCL,B,PL,R,GVMBM,RRR
Sep 20 1984	12.5" 12mm			PF,PS,2F*S BOTH SIDES,EF* ON W EDGE,SBM,PATCHY-R,PAIR/6528 TO W
Aug 13 1982	12.5" 16mm			MF,VS,F*NE EDGE,R,MBM,OUTER *S JUST RESOLVABLE,PAIR/6538
NGC 6528	Sgr	H200-2	Globular	GCL,PF,CS,R,GBM,RRR
Sep 20 1984	12.5" 16mm			DIF,VF,VS,6522 SAME FIELD TO E,IN BARREN * AREA,R,SBM
Aug 13 1982	12.5" 16mm			VDIF,PF,VS,SBM,NO *S RESOLVED,PAIR/6522
NGC 6535	Ser		Globular	PF,VS,VSNEB*P
May 31 1981	12.5" 24mm			PF,ML
NGC 6539	Ser		Globular	NO DESCRIPT
May 31 1981	12.5" 24mm			PB,PL
NGC 6540	Sgr	H198-2	Globular	PF,S,IE,ER OR CL
Sep 20 1984	12.5" 16mm			VDIF,VF,VS,*S APPROX SAME MAG(11.5),SCATTERED,FIND 6520 FIRST
Aug 13 1982	12.5" 16mm			DIF,VF,VS,ELONG PATCH,APPEARS AS A GAL,LOCATE FROM 6520,FEW *S RESOLVED
NGC 6544	Sgr	H197-2	Globular	CF,PL,IR,R
Sep 20 1984	12.5" 16mm			VF,MS,F* VERY CLOSE BY,R,BM,SOME *S RESOLVED
Aug 13 1982	12.5" 16mm			MF,MS,FNUC,SMALL NUC,GBM,SOME *S RESOLVED,R
NGC 6553	Sgr	H12-4	Globular	GCL,F,L,LE,VGLBM,RR
Sep 21 1984	12.5" 16mm			SAME,DARK PATCH DET ON EDGE
Aug 13 1982	12.5" 16mm			MF,PL,OVAL,PATCHY,F*N EDGE,SBM
NGC 6558	Sgr		Globular	GCL,PB,PL,R,GLBM,RRR

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NGC 6558	Sgr	Globular	GCL,PB,PL,R,GLBM,RRR	
Sep 21 1984	12.5"	16mm	DIF,VF,VS,PATCHY-OVAL,2F*S OFF TO ONE SIDE	
NGC 6569	Sgr	H201-2	Globular	GCL,CB,L,R,RRR,*15..
Sep 21 1984	12.5"	24mm	PF,PS,R,SBM,2F*S TO S IN A LINE POINTING TO A BRT DOUBLE *,F* ON S EDGE	
Aug 13 1982	12.5"	16mm	DIF,MF,MS,R,GBM,UB	
NGC 6624	Sgr	H50-1	Globular	GCL,VB,PL,R,RRR,ST16
Aug 13 1982	12.5"	16mm	VB,MS,BNUC,R,VMBM	
NGC 6626	Sgr	M28	Globular	GCL,VB,L,R,GECM,RRR
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004	M 28
Sep 20 1981	12.5"	24mm		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Jul 17 1980	12.5"	24mm		
Jun 18 1980	12.5"	24mm		
Jun 17 1980	12.5"	24mm		
Jun 10 1980	6"	24mm		
NGC 6637	Sgr	M69	Globular	GCL,B,L,R,RRR,*14.16
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004	M 69
Sep 20 1981	12.5"	24mm		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Jul 17 1980	12.5"	24mm		
Jun 18 1980	12.5"	24mm		
NGC 6638	Sgr	H51-1	Globular	GCL,B,S,R,RR
Jun 18 1980	12.5"	24mm		
Jun 17 1980	12.5"	24mm		
NGC 6642	Sgr	H205-2	Globular	GCL,PB,PL,IR,GPMBM
Aug 13 1982	12.5"	16mm	MF,PS,VMBM,R	
NGC 6652	Sgr		Globular	B,S,LE,RRR,ST15
Sep 05 2007	31"	17mmT4	MB,ML,SMALL CENTRAL CORE,OUTER *S RESOLVED,FEW BRTER *S OFF EDGE,R=F	
NGC 6656	Sgr	M22	Globular	GCL,VB,VL,R,VRI,VMC
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004	M 22
Sep 20 1984	12.5"	16mm	VB,VL,RESOLVED,HUNDREDS OF *S,HISB MIDDLE,BRT *S APPROX SAME MAG	
Sep 20 1981	12.5"	24mm		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Sep 10 1980	12.5"	24mm		
Jul 17 1980	12.5"	24mm		
Jul 15 1980	12.5"	24mm		
Jun 18 1980	12.5"	24mm		
Jun 17 1980	12.5"	24mm		
Jun 10 1980	6"	24mm		
NGC 6681	Sgr	M70	Globular	GCL,B,PL,R,GBM,
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004	M 70

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NGC 6681	Sgr M70	Globular GCL,B,PL,R,GBM,	M 70
Sep 20 1981	12.5" 24mm		
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981	
Jul 17 1980	12.5" 24mm		
Jul 15 1980	12.5" 24mm		
Jun 18 1980	12.5" 24mm		
NGC 6712	Sct H47-1	Globular GCL,PB,VL,IRR,RRR	
Sep 05 2007	31" 17mmT4	PB,VL,OVAL,HUNDREDS *S,RESOLVED TO CORE,*S MOSTLY SAME MAG,R=E	
Aug 13 2007	31" 31mmT5	VB,VL,RESOLVED,17MM *S IN CORE DET,R=E	
Aug 13 1982	12.5" 16mm	MB,VL,OVAL,PATCHY,SBM,OUTTER *S STARTING TO RESOLVE	
NGC 6715	Sgr M54	Globular GCL,VB,L,R,G,SMBM,	M 54
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004	
Sep 20 1984	12.5" 12mm	MB,PS,BNUC,VMBM,OUTTER *S JUST RESOLVED,LARGE NUC REGION	
Sep 20 1981	12.5" 24mm		
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981	
Jul 17 1980	12.5" 24mm		
Jun 18 1980	12.5" 24mm		
NGC 6717	Sgr H143-3	Globular F,S,RR,CL+NEB	
Sep 04 2002	12.5" 9mmT6	PB,ML,B* CLOSE BY,VF* IN EDGE OF GAL,HISB,2 HALVES OR PARTS DETECTED	
NGC 6723	Sgr	Globular GCL,VL,VLE,VGBM,RRR	
Sep 20 1981	12.5" 24mm		
Jun 18 1980	12.5" 24mm		
NGC 6749	Aql	Globular CL,L,LC,ST L\$\$	
Jun 25 2003	12.5" 9mmT6	PB,ML,*S NOT GROUPED WELL,VERY FAINT BACKGROUND GLOW,R=P	
NGC 6760	Aql	Globular 2 19 08.6+0057	
Aug 31 1984	12.5" 16mm	SAME,MOD HISB,3F*S ON OUTER EDGE	
Jul 10 1981	12.5" 12mm	DIF,R,PF,ML,STARS 10-11 MAG,NO DIF HALO	
Jul 15 1980	12.5" 24mm		
Jul 11 1980	12.5" 24mm		
NGC 6779	Lyr M56	Globular GCL,B,L,IR,GVMCM,RRR	M 56
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004	
Jun 04 1981	12.5" 16mm	MF,ML,*S APPROX SAME MAG	
Mar 27 1981	12.5" 24mm	MESSIER MARATHON 1981	
Sep 07 1980	12.5" 24mm		
Jul 12 1980	12.5" 24mm		
Jul 11 1980	12.5" 24mm		
Jun 20 1980	12.5" 24mm		
Jun 17 1980	12.5" 24mm		
May 07 1980	5" 9mm		
NGC 6809	Sgr M55	Globular GCL,PB,L,R,VRI,VGBM	M 55
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004	
Sep 20 1984	12.5" 16mm	PF,VL,MANY *S RESOLVED,MOD HISB,GLOW IN BACKGROUND,LOC IN BARREN * FIELD	

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NGC 6809	Sgr M55	Globular	GCL,PB,L,R,VRI,VGBM	M 55
Sep 20 1981	12.5" 24mm			
Mar 27 1981	12.5" 24mm		MESSIER MARATHON 1981	
Jul 17 1980	12.5" 24mm			
Jul 15 1980	12.5" 24mm			
Jun 18 1980	12.5" 24mm			
Jun 17 1980	12.5" 24mm			
NGC 6838	Sge M71	Globular	CL,VL,VRI,PMC,*11.16	M 71
Mar 22 2004	12.5" 12mmT4		MESSIER MARATHON 2004	
Sep 23 2003	31" 25mm		EF,EL,RESOLVED,BEAUTIFUL,HUNDREDS OF *S.STRONG BACKGROUND GLOW,R=E	
Aug 20 2003	31" 25mm		EB,EL,HUNDREDS/THOUSANDS OF STARS.RESOLVED TO CORE,FOV GLOWS W/F*S,R=E	
Jul 30 1981	12.5" 24mm		PB,VL,PAIR/H2O	
Mar 27 1981	12.5" 24mm		MESSIER MARATHON 1981	
Jun 17 1980	12.5" 24mm			
May 07 1980	5" 9mm			
Apr 16 1980	6" 24mm			
NGC 6864	Sgr M75	Globular	GCL,B,PL,R,VMBMBN,RR	M 75
Mar 22 2004	12.5" 12mmT4		MESSIER MARATHON 2004	
Sep 20 1984	12.5" 12mm		MB,PS,BNUC,R,BM,OUTTER HALO ALMOST RESOLVED	
Mar 27 1981	12.5" 24mm		MESSIER MARATHON 1981	
Jul 17 1980	12.5" 24mm			
Jun 18 1980	12.5" 24mm			
NGC 6934	Del	H103-1 Globular	GCL,B,L,R,RRR,*16...	
Aug 20 2003	31" 25mm		VB,VL,RESOLVED TO CORE,HUNDRED'S OF *S,MANY *S DETECTED IN CORE,R=E	
Jul 31 2002	12.5" 12mm		SAME	
Jul 08 1983	12.5" 12mm		MB,MS,BNUC,B* TO W,RESOLVED OUTTER *S,GBM	
Jul 30 1981	12.5" 16mm		DNUC,GMBM,SOFT HALO OF *S RESOLVED,R	
Jul 11 1980	12.5" 24mm			
Jun 20 1980	12.5" 24mm			
Jun 18 1980	12.5" 24mm			
Jun 17 1980	12.5" 24mm			
NGC 6981	Aqr M72	Globular	GCL,PB,PL,R,GMCM,RRR	M 72
Mar 22 2004	12.5" 12mmT4		MESSIER MARATHON 2004	
Aug 31 1984	12.5" 16mm		PB,PL,BNUC,R,HISB MIDDLE,OUTTER *S JUST RESOLVED	
Jul 09 1983	12.5" 12mm		MB,PL,RESOLVED,BM,SCATTERED *S ELONG,2F*S SAME MAG OFF ONE SIDE	
Jul 10 1981	12.5" 24mm		MB,ML	
Mar 27 1981	12.5" 24mm		MESSIER MARATHON 1981	
Jul 17 1980	12.5" 24mm			
Jun 18 1980	12.5" 24mm			
NGC 7006	Del	H52-1 Globular	B,PL,R,GBM	very distant globular
Jul 31 2002	12.5" 12mm		SAME	
Jul 08 1983	12.5" 12mm		DIF,MF,MS,FNUC,R,SBM,SOFT GLOW	
Jul 30 1981	12.5" 24mm		BNUC,NO *S IN HALO SEEN,R,SMALL VERY DIF	
NGC 7078	Peg M15	Globular	GCL,VB,VL,IR,VSMBM	M 15

Globular Cluster Observations

NGC	7078	Peg	M15	Globular	GCL,VB,VL,IR,VSMBM	M 15
Jul 05 2008	31"	17mmT4	EB,EL,RESOLVED,THOUS *S,3D EFFECT,CLASS V,*S OUTER EDGE SCATTERED,R=E			
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004			
Sep 21 1984	12.5"	16mm	SAME			
Jul 06 1983	12.5"	12mm	VB,VL,BNUC,SMALL BRT NUC,RESOLVED HALO OF HUNDREDS OF *S			
Jul 29 1981	12.5"	16mm	EB,PL,BNUC,BRT HALO OF *S			
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981			
Sep 07 1980	12.5"	24mm				
Jul 15 1980	12.5"	24mm				
Jul 12 1980	12.5"	24mm				
Jul 11 1980	12.5"	24mm				
Jul 11 1980	12.5"	24mm				
Jul 05 1980	12.5"	24mm				
Jun 20 1980	12.5"	24mm				
Jun 17 1980	12.5"	24mm				
NGC 7089	Aqr	M2	Globular GCL,B,VL,GPMBM,RRR M 2			
Jul 05 2008	31"	17mmT4	EB,VL,BRT CORE RESOLVED,CLASS II,HISB MIDDLE,R=E			
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004			
Jul 09 1983	12.5"	12mm	VB,VL,RESOLVED,BM,HUNDREDS OF *S VISIBLE FAR FROM NUC,HISB MIDDLE			
Jul 10 1981	12.5"	16mm	RESOLVED TO CORE			
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981			
Oct 31 1980	12.5"	24mm				
Sep 09 1980	12.5"	24mm				
Jul 17 1980	12.5"	24mm				
Jun 20 1980	12.5"	24mm				
Jun 18 1980	12.5"	9mm	EXCELLENT UNDER HIGH POWER,USE BARLOW			
NGC 7099	Cap	M30	Globular GCL,B,L,LE,GPMBM M 30			
Sep 04 2005	10"	12mmT4	VB,PL,RESOLVED TO CORE,SEVERAL HUNDRED *S,HISB IN CORE,F OUTER HALO GLOW,R=E			
Jul 08 1983	12.5"	16mm	MB,PL,BNUC,MORE *S SCATTERED TO N,B*S TO N,BNUC,OUTTER *S RESOLVED			
Jul 10 1981	12.5"	16mm	MB,PS,BRT CENTRAL REGION,GBM,HALO OF F*S			
Sep 10 1980	12.5"	24mm				
NGC 7492	Aqr	H558-3	Globular EF,L,BET2D*			
Jul 10 1981	12.5"	16mm	DIF,PF,VL,FAINT DIF *S			
Sep 10 1980	12.5"	32mm	BARELY VISIBLE			
PAL 1	Cep	Globular	Palomar 1			
Sep 18 2004	31"	17mmT4	VDIF,EF,MS,PATHC,UB,AV,STAR HOPPED,LOC GOOD,PATCH AREA WITH AV,R=P			
PAL 2	Aur	Globular	Palomar 2			
Dec 04 2004	31"	17mmT4	VF,VL,R,PATCH,R=P			
PAL 10	Sge	Globular	Palomar 10			
Sep 23 2003	31"	17mmT4	EDIF,EF,MS,PATCH,SUSP,CANNOT CONFIRM,LOC GOOD,R=P			
Sep 23 2003	31"	25mm	EDIF,EF,MS,PATCH,HINT OF AREA OF SLIGHT BRIGHTNESS,LOC GOOD,SUSP,R=P			