

Astronomical League Globular Cluster Observing Club

3	G 1	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),MB,PS,R,BNUC,MHISB,2F**S OFF EDGE,R=F	
5	G 52	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,PATCH,NND,R=P	
6	G 64	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),MF,VS,R,BSNUC,R=F	
7	G 72	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),MF,VS,R,BSNUC,F GLOW SUR NUC,R=F	
8	G 73	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),MF,VS,R,BSNUC FT GLOW SUR NUC,R=F	
9	G 78	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),MF,VS,R,BLNUC,F GLOW SUR NUC,R=F	
11	G 87	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),PF,VS,R,FSNUC,VF HALO,R=P	
12	G 96	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),PF,VS,R,FNUC,R=P	
14	G 156	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),MF,VS,R,BSNUC,F HALO SUR NUC,R=F	
15	G 172	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,R,FSNUC,VFNUC WITH FT HALO,R=F	
17	G 213	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,R,FSNUC,VF HALO SUR NUC,R=PF	
18	G 222	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,WS,R,VFNUC,R=P	
20	G 229	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,PATCH,UB,NND,R=P	
22	G 233	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),PF,VS,PATCH,UB,NND,R=P	
23	G 244	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,FSNUC,VF HALO SUR NUC,R=P	
24	G 256	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,R,FSNUC,VF HALO,R=P	
26	G 272	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),VF,VS,R,FSNUC,PAIRS G 280 & C 410,R=P	
27	G 280	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),PF,VS,BLNUC,F HALO SUR NUC,PAIRS G 272 & C 410,R=F	
28	G 279	And	Globular	
	Sep 26 2019 36"	17mmT4	(Class ?),PF,PS,VFSNUC,R=F	
33	NGC 288	Sci	H20-6 Globular X GCL,B,L,LE,*12...16	
	Sep 26 2019 36"	17mmT4	(Class XII),VB,EL,LOOKS LIKE OPEN CL,V LTL CNTR CL,R=G	
	Sep 23 1981 12.5"	16mm	DIF,MB,EL,R,SVRL HUNDRED **S SAME MAG,V LTL CL TOWARDS MID	
	Sep 09 1980 12.5"	16mm	RSLV TO CORE,E!!	
44	PAL 1	Cep	Globular	Palomar 1
	Feb 21 2020 36"	17mmT4	(Class ~ XII),VF,VS,OVAL,PATCH,NND,AV FIRST THEN HOLDS,R=P	
	Sep 18 2004 31"	17mmT4	VDIF,EF,MS,PATCH,UB,AV,* HOPPED,LOC GOOD,PATCH AREA WITH AV,R=P	
47	PAL 2	Aur	Globular	Palomar 2
	Feb 21 2020 36"	17mmT4	(Class ~X),DIF,PF,MS,R,PATCH,UB,NND,SLT BTR THAN PAL 1,R=F	
	Dec 04 2004 31"	17mmT4	VF,VL,R,PATCH,R=P	

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48	NGC 1851	Col	Globular	GCL,VB,VL,R,VSVVBM
Oct 12 2012	36"	17mmT4	EB,EL,BLNUC,HISB,V SIM TO M15,RSLV TO CORE,8,8 DEG ABOVE HRZN,HUNDREDS OF F* SUR CORE,HISB CNTR,R=GE	
49	NGC 1904	Lep M79	Globular	GCL,PL,ERI,EC,RRR M 79
Feb 21 2020	36"	17mmT4	(Class IV),VB,VL,BNUC,MHISB,RSLV TO CORE,VAR MAG **S OUTER FRINGES,CARBON OR ORANGE VF* NE DEAD CNTR OF NUC,R=E	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 02 1984	10"	20mm	SAME	
Oct 24 1981	12.5"	24mm	VB,MLCRSLV,DOZENS OF **S SUR 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		
50	NGC 2298	Pup	Globular	GCL,B,PL,IR,GBM,RR
Dec 03 1980	12.5"	24mm		
51	NGC 2419	Lyn	H218-1 Globular II	PB,PL,LE90,VGBM,*4F
Feb 21 2020	36"	17mmT4	(Class XI),MB,PL,OVAL-R,UB,V LTL CL IN CNTR,E FOV W/B* CLOSE BY,R=G	
Oct 16 1982	12.5"	16mm	MF,PL,R,UB,SBM,2 B**S POINT TO IT,COUPLE OF F**S SC SUR OBJECT	
56	PAL 3	Sex	Globular	Palomar 3
Apr 11 2015	36"	17mmT4	~CLASS X,EF,VS,PATCH,AV ONLY SUSP,LOC GOOD,JUST A HINT OF EF SMUG,R=P	
58	PAL 4	UMa	Globular	Palomar 4
Apr 11 2015	36"	17mmT4	~CLASS X,EF,MS,PATCH,VF PATCH,CANNOT MAKE OUT INDIVIDUAL **S,R=P	
59	NGC 4147	Com	H19-1 Globular VI	GCL,VB,PL,R,GBM,RRR H11-1
Mar 08 2010	31"	17mmT4	PB,ML,CLASS ~VI,RSLV TO CORE,BSNUC,MHISB CNTR,F HALO OF **S RSLV,R=G	
Feb 12 1983	12.5"	12mm	MB,PL,RSLV TO CORE,OUTER **S CLOSELY GRP,BM	
Jun 10 1980	6"	24mm	VF,LOOKS LIKE FT GLXY	
62	NGC 4590	Hya M68	Globular	GCL,L,ERI,VC,IR,ST12 M 68
Apr 11 2015	36"	17mmT4	(Class X),VB,VL,RSLV TO CORE,MHISB CORE,**S VAR MAG SC,DENSITY OF **S DEC FROM NUC,R=E	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
Dec 03 1980	12.5"	24mm		
64	NGC 5024	Com M53	Globular	GCL,B,VC,IR,VVMBM, M 53
Apr 11 2015	36"	17mmT4	(Class V),VB,VL,RSLV TO CORE,GRP OF B**S OFF ONE SIDE OF NUC,MHISB SECTIONS IN NUC,**S FALL OFF SHARPLY MOVING AWAY FROM NUC,R=EE	
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
Mar 02 1984	10"	20mm	VB,VL,BNUC,R,OUTER **S RSLV,BLNUC	
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
65	NGC 5053	Com	H7-6 Globular XI	CL,VF,PL,IR,VGBM,*15
Apr 11 2015	36"	17mmT4	(Class X),MB,PL,DOZ OR SO B**S LOOSLY SC,LTL CL IN NUC AREA DET,OC LIKE,R=G	
Mar 22 2004	12.5"	12mmT4	VDIF,EF,VL,OVAL,F PATCHY AREAS DET,MORE WITH AV,R=P	
Mar 27 1981	12.5"	24mm		
67	NGC 5272	CVn M3	Globular	GCL,EB,VL,VSMBM,*11. M 3
Apr 11 2015	36"	17mmT4	(Class V),EB,EL,HISB CORE RSLV,3-D LIKE,AMAZING,HUNDREDS OF **S RSLV,R=EE	
May 14 2010	31"	17mmT4	(Class III),EB,EL,HISB GLOW IN NUC,RSLV,L TIGHT CORE,HUNDREDS F**S SC SUR CORE,R=E	
Feb 04 2005	31"	17mmT4	EB,EL,RSLV 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,RSLV TO CORE,BEST TODATE,WELL PLACED,PAIRS=MAC,R=E	

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67	NGC 5272	CVn M3	Globular	GCL,EB,VL,VSMBM,*11.	M 3
	Jan 28 1982	12.5" 16mm		VB,VL,RSLV TO THE CORE,HUNDREDS OF *S,LOOKS SMWHT 3-D	
	Mar 27 1981	12.5" 24mm		MESSIER MARATHON 1981	
	Jul 14 1980	12.5" 24mm			
	Jul 11 1980	12.5" 24mm			
	Jul 05 1980	12.5" 24mm			
	Apr 18 1980	6" 24mm			
	Apr 16 1980	6" 24mm			
70	NGC 5466	Boo	H9-6	Globular XII CL,L,VRI,VMC,ST11...	
	Apr 11 2015	36" 17mmT4		(Class XI),MB,ML,B'S LOOSLY SC,F SOF BG SUR NUC AREA,R=G	
	May 06 1981	12.5" 16mm		VB,EL	
	Jul 14 1980	12.5" 24mm			
71	NGC 5634	Vir	H70-1	Globular IV GCL,VB,CL,R,GBM,RRR	
	Apr 11 2015	36" 17mmT4		(Class III),PB,MS,SPEC FOV,BFOREGR * CLOSE BY,SVRL B*S SUR NUC,MHISB MID,RSLV	
				CORE,LTL OR NO HALO,R=E	
	Jun 11 1983	12.5" 20mm		VB,PL,BNUC,TRI OF B*S SUR OBJECT,HISB,BM	
72	NGC 5694	Hya	H196-2	Globular VII CB,CS,R,PSBM,R,*9SP	
	Apr 11 2015	36" 17mmT4		(Class III),PB,MS,BSNUC WITH HISB,HALO OF RSLV *S CLOSE TO NUC,19 DEG ALT,R=G	
	Jun 11 1983	12.5" 20mm		MF,PS,BNUC,R,2*S SE,1*SW 1 GLXY DIA,1F* SW 2 GLXY DIA,MHISB	
75	PAL 5	Ser	Globular		Palomar 5
	Jun 25 2019	36" 17mmT4		(Class X),EF,PS,COULD ONLY SEE A VFEW VF*S,LOCATION GOOD,ON TOP OF OBJ,R=P	
76	NGC 5897	Lib	H8-6	Globular XI GCL,PF,L,VIR,VGBM,	H19-6
	Jun 25 2019	36" 17mmT4		(Class XII),MB,ML,R,ABOUT 12 BTR *S ON TOP OF L F GLOW OF *S,R=GE	
	May 02 1981	12.5" 16mm		PB,EL	
77	NGC 5904	Ser M5	Globular	GCL,VB,L,ECM,*11..15	M 5
	Mar 16 2010	31" 17mmT4		(Class V),EB,EL,FILLS FOV,RSLV TO CORE,HUNDREDS OF *S,NICE TIGHT NUC,AV	
				RESOLVES MORE *S,R=E	
	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			
81	NGC 5986	Lup	Globular	GCL,VB,L,R,VGBM,*13.	
	Jun 25 2019	36" 17mmT4		(Class VIII),PB,ML,R,FEW B*S ON TOP OF L F BG OF *S,R=GE	
82	PAL 14	Her	Globular		Palomar 14
	Jun 25 2019	36" 17mmT4		(Class ?),VF,ES,LOC E,F* WITH SOME GLOW SUR IT,SUSP,R=P	
84	NGC 6093	Sco M80	Globular	GCL,VB,L,VMBM(VAR*)	M 80
	Sep 26 2019	36" 17mmT4		(Class IV),VB,VL,BSNUC,GETTING LOW IN SW,RSLV TO CORE,S CORE WITH MANY F*S	
				SUR NUC,R=GE	
	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			
85	NGC 6121	Sco M4	Globular	CL,8OR10B*LINE,RRR	M 4
	Jun 25 2019	36" 17mmT4		(Class X),EB,EL,FILLS FOV,L FT CNTR GLOW,RSLV,R=G	
	May 09 2010	31" 17mmT4		(Class VIII),VB,EL,RSLV TO CORE,WIDELY SC OUTER HALO,VAR MAG'S,CORE VAR	
				MAG'S,R=E	

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85	NGC 6121	Sco M4	Globular	CL,8OR1OB*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			
87	NGC 6144	Sco	H10-6	Globular XI	CL,CL,MC,GBM,RRR
	Jun 25 2019 36"	17mmT4	(Class XI),VF,ML,DOZEN BTR *S ON TOP OF FT GLOW,RSLV,JUPITER CLOSE BY,R=G		
	May 28 2008 31"	17mmT4	MB,PL,RSLV,SVRL B*S WITH FTR BG,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 CNTR GATHERING DET		
88	NGC 6139	Sco	Globular	B,PL,R,PSBM,RR	
	Jun 25 2019 36"	17mmT4	(Class III),MB,ML,MHISB,9 DEG ALT,VMBM,R HALO WITH BCORE,R=G		
89	TER 3	Sco	Globular	Terzan 3	
	Jun 25 2019 36"	17mmT4	(Class XII ?),AV,MAYBE A FEW *S,LOC GOOD, 13 DEG ALT,SUSP,R=P		
90	NGC 6171	Oph M10	H40-6	Globular X	GCL,L,VRI,VMC,R,RRR M 107
	May 09 2010 31"	17mmT4	(Class VI),VB,VL,RSLV TO CORE,L OUTER HALO SC *S VAR MAG,R=E		
	Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
	Jul 21 1984 12.5"	16mm	SAME		
	Aug 13 1982 12.5"	16mm	MB,PL,SBM,R,3B*S SUR OBJECT,SOME F* SC		
	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			
91	ESO 452-11	Sco	Globular	ESO 452-SC11	
	Jun 25 2019 36"	17mmT4	(Class ?),VF,ES,ALM *,VF GLOW,CLOSE TO F*,R=P		
92	NGC 6205	Her M13	Globular	GCL,EB,VRI,VGECM,*11	M 13 Great Cluster in Hercules
	Jun 25 2019 36"	17mmT4	(Class IV),EB,EL,VHISB,100'S OF *S ON TOP OF FT HISB BG,FILLS FOV,R=E		
	Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
	Feb 25 1982 12.5"	16mm	VB,VL,BNUC,RSLV 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,RSLV TO CORE IN 9MM,24MM AND BARLOW BEAUTIFUL!!!		
	Jun 10 1980 6"	24mm			

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92	NGC 6205	Her M13	Globular	GCL,EB,VRI,VGECM,*11	M 13 Great Cluster in Hercules
	Apr 18 1980 6"	24mm			
	Apr 16 1980 6"	24mm			
93	NGC 6229	Her	H50-4	Globular IV	GCL,VB,L,R,DISC,R
	Jun 28 2019 36"	17mmT4			(Class IV),VB,PL,HIGH CL OF *S TOWARDS MID,BLNUC,HISP,R=E
	Feb 25 1982 12.5"	16mm			MB,MS,BNUC,MHISB,ALM RSLV,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
94	NGC 6218	Oph M12	Globular	GCL,VB,VL,IR,GMBM	M 12
	May 05 2021 36"	17mmT4			(Class IV),EEB,EL,SLT S THAN M10,RSLV TO CORE,F DEEP PATCHY GLOW OF *S IN NUCLEUS,BEST TO DATE,R=EE
	Jun 25 2019 36"	17mmT4			(Class III),EB,EL,SPYDER LIKE B*S,FTR *S IN CORE,RSLV,WELL PLACED IN FOV,CORE IS RECT SHAPE,R=EEE
	Mar 22 2004 12.5"	12mmT4			MESSIER MARATHON 2004
	Jul 21 1984 12.5"	16mm			EB,VL,BNUC,B* OUTSIDE CNTR,MANY B*S RSLV,MHISB,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			
95	NGC 6235	Oph	H584-2	Globular X	PB,CL,IR,RRR,*14..16
	Jun 25 2019 36"	17mmT4			(Class X),FEW BTR *S,F CORE RECT SHAPE,BTR *S SC,R=G
	Jul 21 1984 12.5"	16mm			VDIF,VF,MS,F PATCH,F TRI OF *S SUR OBJECT
	Jun 04 1981 12.5"	24mm			DIF,MB,ML,10 MAG *S
	Jun 18 1980 12.5"	24mm			VF,F TRI OF *S SUR OBJECT
96	NGC 6254	Oph M10	Globular	GCL,B,VL,R,GVMBM,RRR	M 10
	May 05 2021 36"	17mmT4			(Class VI),EEB,EL,RSLV TO CORE,F DEEP PATCHY GLOW OF *S IN NUCLEUS,BEST TO DATE,R=EE
	Jun 25 2019 36"	17mmT4			(Class VI),100'S *S RSLV,BTR *S W/MANY FTR,WELL PLACED IN FOV,R=EEE
	Mar 22 2004 12.5"	12mmT4			MESSIER MARATHON 2004
	Jul 21 1984 12.5"	12mm			VB,VL,BNUC,BTR THAN M12,CORE RESOLVING WITH F BG 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			
97	NGC 6256	Sco	Globular	GCL,VF,VL,IR,VGBM	
	Jun 25 2019 36"	17mmT4			(Class XII),EF,MS,PATCH,LOC E,JUST A VF PATCH WITH AV,R=P
98	PAL 15	LMI	Globular		Palomar 15
	Jun 25 2019 36"	17mmT4			(Class ?),LOC E,JUST A FEW F*S WHERE OBJECT IS LOC,R=P

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99	NGC 6266	Oph M62	Globular	GCL,VB,L,GMBM,RRR,	M 62
Jun 25 2019	36"	17mmT4	(Class IV),EB,EL,BNUC,HISB,100'S	**S RSLV TO CORE,MBM,*S SIM MAG, WELL PLACED,R=EEE	
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			
100	NGC 6273	Oph M19	Globular	GCL,VB,L,R,VCM,RRR	M 19
Jun 25 2019	36"	17mmT4	(Class VII),EB,EL,WELL PLACED,100'S	**S RSLV,SOFT LNUC,R=EEE	
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
Jul 21 1984	12.5"	16mm	MB,PL,BNUC,B* JUST OUTSIDE CORE,NOT MANY **S RSLV,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			
101	NGC 6284	Oph	H11-6	Globular IX	GCL,B,L,R,CM,ST16...
Jun 25 2019	36"	17mmT4	(Class IX),MB,ML,L DISBURSED UB	**S SUR TIGHT BSNUC,R=G	
Jul 21 1984	12.5"	16mm	PF,PS,FNUC,NOT RSLV,SBM,PATCHY		
Jun 04 1981	12.5"	24mm	MB,PL,BNUC		
Jun 18 1980	12.5"	24mm	BTR THAN 6287,BNUC		
Jun 18 1980	12.5"	24mm			
102	NGC 6287	Oph	H195-2	Globular XII	GCL,CB,L,R,GPMCM,RRR
Jun 28 2019	36"	17mmT4	(Class XI),MF,MS,US,**S UB SPREAD CLOST TO NUC,NOT MUCH *	BIN CNTR,R=FG	
Jul 21 1984	12.5"	16mm	VDIF,VF,MS,OVAL,UB,NO **S RSLV		
Jun 04 1981	12.5"	24mm	DIF,PF,MS		
Jun 18 1980	12.5"	24mm	EF,NND,LOC IN BARREN * FIELD		
103	NGC 6293	Oph	H12-6	Globular IV	GCL,VB,L,R,PSBM,ST16
Jun 28 2019	36"	17mmT4	(Class III),MB,PS,**S RSLV TO CORE,SNUC,R=G		
Jul 21 1984	12.5"	12mm	MB,PL,BNUC,R,SBM,NO **S RSLV		
Jun 04 1981	12.5"	24mm	MB,ML,BNUC		
Jun 18 1980	12.5"	24mm			
104	NGC 6304	Oph	H147-1	Globular XI	GCL,B,CL,R,LBM,RRR
Jun 28 2019	36"	17mmT4	(Class XI),MF,MS,UB,PATCH OF **S,NO BM,R=G		
Jun 04 1981	12.5"	24mm	DIF,MF,PS		
Jun 18 1980	12.5"	24mm			
105	NGC 6316	Oph	H45-1	Globular III	GCL,CB,PS,R,GVMBM
Jun 28 2019	36"	17mmT4	(Class XI),MF,MS,R,UB,HARD TO RESOLVE **S,R=G		
Jun 04 1981	12.5"	24mm	DIF,MF,MS		
106	NGC 6341	Her M92	Globular	GCL,VB,VL,ECM,ST S	M 92
Jun 28 2019	36"	17mmT4	(Class V),EB,EL,**S RSLV TO CORE,L HALO,BM,R=E		
Mar 19 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
Jun 25 2003	12.5"	9mmT6	EB,EL,RSLV TO CORE,BEAUTIFUL,R=E		
Feb 25 1982	12.5"	16mm	RSLV TO CORE,VB,VL,BNUC,S 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			

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106 NGC 6341	Her M92	Globular	GCL,VB,VL,ECM,ST S	M 92
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			
107 NGC 6325	Oph	Globular	PF,L,R,RR	
Jun 28 2019	36" 17mmT4	(Class XII),MF,MS,PATCH,UB,NO *S RSLV,F SOF GLOW IN NUC,R=FG		
Jun 04 1981	12.5" 24mm	DIF,EF,ML,LOCATED NORTH OF DBL *		
108 NGC 6333	Oph M9	Globular	GCL,B,L,R,ECM,RRR,	M 9
Jun 28 2019	36" 17mmT4	(Class VI),MB,ML,*S RSLV INTO CORE,LOOSELY SC,R=G		
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004		
Jul 21 1984	12.5" 12mm	MB,ML,BNUC,OUTER *S RSLV,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			
109 NGC 6342	Oph	H149-1 Globular IV	CB,PS,LE,ER	
Jun 28 2019	36" 17mmT4	(Class VII),MF,PS,MHISB,FEW *S RSLV,SOFT MHISB CORE,S PATCH JUST OF NUC,R=FG		
Jul 21 1984	12.5" 12mm	VF,VS,VF* ON S EDGE,PATCH-UB,NO I'S RSLV		
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		
110 NGC 6355	Oph	H46-1 Globular	CF,L,R,GBM,RRR	
Jun 28 2019	36" 17mmT4	(Class XI),PF,PS,S TIGHT GRP OF F*S,UB,R=F		
Jun 04 1981	12.5" 24mm	DIF,PF,PS		
111 NGC 6356	Oph	H48-1 Globular II	GCL,VB,CL,VGVMBM,RR	
Jun 28 2019	36" 17mmT4	(Class XI),MB,ML,UB,HALO OF F*S SUR SOFT UB NUC,R=G		
Jul 21 1984	12.5" 12mm	MB,ML,BNUC,R,HISB CNTR,*S NOT RSLV		
Jun 04 1981	12.5" 24mm	MB,ML,BNUC		
Jun 18 1980	12.5" 24mm			
Jun 10 1980	6" 24mm			
113 IC 1257	Oph	Globular		
Jun 28 2019	36" 17mmT4	(Class X),VF,VS,PATCH UB,NND,WORST GC TO DATE,R=P		
May 16 2004	31" 17mmT4	DIF,VF,ML,OVAL,UB,LOC IN BARRON * FIELD,R=P		
114 NGC 6366	Oph	Globular	F,L,VLBM	
Jun 28 2019	36" 17mmT4	(Class XII),PF,ML,VF NUC,OUTER *S RSLV,SMWHT CL,LOOKS LIKE OPCL,R=F		
Jun 04 1981	12.5" 24mm	DIF,VF,EL,EAST OF B*		
115 TER 2	Sco	Globular		Terzan 2
Jun 28 2019	36" 17mmT4	(Class II ?),VF,ES,VS,NUC,NO *S ALM * LIKE,R=PF		
116 TER 4	Sco	Globular		Terzan 4
Jun 28 2019	36" 17mmT4	(Class ?),EF,ES,PATCH AV,SUSP,LOC E,VF PATCH W/AV,R=P		
117 HP 1	Oph	Globular		
Jun 28 2019	36" 17mmT4	(Class XII ?),EF,VS,PATCH UC,AV HOLDS,R=P		
119 LILL 1	Sco	Globular		Liller 1
Jun 28 2019	36" 17mmT4	(Class VII),VF,VS,R,SB NUC,VF HALO SUR NUC,R=PF		

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120 NGC 6380	Sco	Globular	EF,PS,LE,*9ATT	
Jun 28 2019 36"	17mmT4	(Class ?),EF,ES,AV,7 DEG ALT,LOC GOOD,1 OR 2 VF *S,BFIELD * CLOSE TO CL,R=P		
121 TER 1	Sco	Globular	Terzan 1	
Jul 01 2019 36"	17mmT4	CALSS XII,EF,ES,PATCH,UB,NND,F* ON EDGE,VF PATCH OFF F*,R=P		
Jun 28 2019 36"	17mmT4	(Class ?),EF,VS,PATCH,AV,LOC GOOD,COMES AND GOES,R=P		
122 TON 2	Sco	Globular		
Jun 28 2019 36"	17mmT4	DNF LOC GOOD,9 DEG ALT WITH LIGHT CLOUDS,R=?		
124 NGC 6401	Oph	H44-1 Globular XIII PB,PL,R,*12F INV		
Jul 01 2019 36"	17mmT4	(Class XI),MB,ML,PATCH,UB,B* JUST OF CNTR OF NUC,OBLONG PATCH,R=G		
Jun 04 1981 12.5"	24mm	DIF		
125 NGC 6402	Oph M14	Globular GCL,B,VL,R,ERI,VGMBM M 14		
Jul 01 2019 36"	17mmT4	(Class VIII),EB,VL,RSLV OUTER *S TO CORE *S,MHISB NUC,R=E		
Apr 14 2004 31"	17mmT4	EB,EL,VBNUC,M14,100'S OF *S RSLV TO CORE,BEST TO DATE,L CORE AREA		
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Jul 21 1984 12.5"	12mm	MB,PL,BNUC,OUTER *S RSLV,R,HISB CNTR		
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			
127 PAL 6	Oph	Globular	Palomar 6	
Jul 01 2019 36"	17mmT4	(Class II),VF,VS,OVAL,VS NUC,FEW F*S RSLV,R=PF		
128 NGC 6426	Oph	H587-2 Globular IX VF,CL,E,VLBM		
Jul 01 2019 36"	17mmT4	(Class XI),MF,MS,VF NUC,F OUTER *S RSLV INTO CNTR RGN,R=F		
Jun 04 1981 12.5"	24mm	DIF,MF,PS		
129 DJO 1	Sco	Globular	Djorgovski 1	
Jul 01 2019 36"	17mmT4	(Class ?),EF,ES,PATCH,ALM *,R=P		
130 TER 5	Sgr	Globular	Terzan 5	
Jul 01 2019 36"	17mmT4	(Class XII),EF,VS,PATCH,UB,NND,F* JUST OF ONE EDGE,R=P		
131 NGC 6440	Sgr	H150-1 Globular V PB,PL,R,BM		
Jul 01 2019 36"	17mmT4	(Class V),PB,PL,F OUTER *S RSLV,UB LNUC W/*S RSLV,R=G		
Sep 20 1984 12.5"	12mm	DIF,MF,PS,BET 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		
132 NGC 6441	Sco	Globular GCL,VB,PL,R,VGMBM,		
Jul 01 2019 36"	17mmT4	(Class IX),VB,VL,R,BLNUC,HISB,B* CLOSE BY IN FOV,L FT OUTER *S,MBM,10 DEG ALT,R=G		
133 TER 6	Sco	Globular	Terzan 6	
Jul 01 2019 36"	17mmT4	(Class ?),EF,ES,SUSP,LOC GOOD,R=P		
134 NGC 6453	Sco	Globular CL,IR,PMBM,R		
Jul 01 2019 36"	17mmT4	(Class IX),PF,MS,FEW BTR *S ON TOP OF FTR *S,L SOFT GLOW NUC,R=F		
135 UKS 1	Sgr	Globular		
Jul 01 2019 36"	17mmT4	DNF,LOC GOOD,CAN ONLY SUSP,R=P		
137 TER 9	Sgr	Globular	Terzan 9	
Jul 01 2019 36"	17mmT4	LOC GOOD,EF,ES,CAN ONLY SUSP,R=P		
138 NGC 6517	Oph	H199-2 Globular IV PB,PL,R,RR		
Jul 01 2019 36"	17mmT4	(Class VII),MB,ML,R,HISB CNTR,GMBM,F OUTER HALO,R=G		
Jun 04 1981 12.5"	24mm	DIF,PF,PS		
139 ESO 456-38	Sgr	Globular	Djorgovski 2	
Jul 01 2019 36"	17mmT4	(Class XII),VB,EL,RICH * FOV,CANNOT MAKE OUT CL FROM FOV *S,LOOKS LIKE		

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140 TER 10	Sgr	Globular	Terzan 10
Aug 03 2019 36"	17mmT4	(Class ?),EF,VS,PATCH,NND,R=P	
141 NGC 6522	Sgr	H49-1 Globular VI GCL,B,PL,R,GVMBM,RRR	
Jul 01 2019 36"	17mmT4	(Class XII),PB,ML,SB NUC,L HALO OF VF*S,MHISB CNTR,RICH * FIELD,R=G	
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	
142 NGC 6535	Ser	Globular PF,VS,VSNEB*P	
Jul 01 2019 36"	17mmT4	(Class XI),MB,ML,*S RSLV,NOT MUCH OF A CNTR CORE,R=G	
May 31 1981 12.5"	24mm	PF,ML	
143 NGC 6539	Ser	Globular NO DESCRIPT	
Jul 01 2019 36"	17mmT4	(Class XI),MB,VL,LF NUC,SMWHT BARREN FOV,OUTER *S RSLV,R=G	
May 31 1981 12.5"	24mm	PB,PL	
144 NGC 6528	Sgr	H200-2 Globular V GCL,PF,CS,R,GBM,RRR	
Jul 01 2019 36"	17mmT4	(Class IX),PB,ML,LB NUC,THIN F HALO *S RSLV,HISB CNTR,R=G	
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 RSLV,PAIR/6522	
145 NGC 6540	Sgr	H198-2 Globular PF,S,IE,ER OR CL	
Jul 01 2019 36"	17mmT4	(Class X),MB,MS,EL,SF NUC,V RICH * FIELD,R=F	
Sep 20 1984 12.5"	16mm	VDIF,VF,VS,*S ~SAME MAG(11,5),SC,FIND 6520 FIRST	
Aug 13 1982 12.5"	16mm	DIF,VF,VS,EL PATCH,APPEARS AS A GLXY,LOCATE FROM 6520,FEW *S RSLV	
147 NGC 6544	Sgr	H197-2 Globular CF,PL,IR,R	
Jul 01 2019 36"	17mmT4	(Class VIII),MB,ML,SNUC,LOOSLY SC OUTER *S RSLV TO CORE,SHISB CNTR,R=G	
Sep 20 1984 12.5"	16mm	VF,MS,F* V CLOSE BY,R,BM,SOME *S RSLV	
Aug 13 1982 12.5"	16mm	MF,MS,FNUC,SNUC,GBM,SOME *S RSLV,R	
148 NGC 6541	CrA	Globular GCL,B,R,EC,GBM,RRR	
Jul 01 2019 36"	17mmT4	(Class VI),PB,PL,L HISB CNTR,5 DEG ALT,LOWEST OBJ TO DATE,R=F	
149 NGC 6553	Sgr	H12-4 Globular XI GCL,F,L,LE,VGLBM,RR	
Jul 01 2019 36"	17mmT4	(Class X),VB,VL,BLNUC,MHISB,F OUTER * 'S RSLV,L UB CNTR RGN,R=E	
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	
152 NGC 6558	Sgr	Globular GCL,PB,PL,R,GLBM,RRR	
Jul 01 2019 36"	17mmT4	(Class III),MB,MS,SNUC,OUTER *S RSLV TO CORE,SHISB CNTR,CORE ELR=FG	
Sep 21 1984 12.5"	16mm	DIF,VF,VS,PATCHY-OVAL,2F*S OFF TO ONE SIDE	
153 IC 1276	Ser	Globular	
Jul 01 2019 36"	17mmT4	(Class XII),VF,MS,PATCH,UB,NND,2 BTR *S IN CL ON EDGE,NO CL DET,R=PF	
154 TER 11	Sgr	Globular	Terzan 11
Jul 01 2019 36"	17mmT4	(Class III ?),VF,ES,R,VFSNUC,ALM *,F GLOW SUR FVSNUC,R=P	
155 NGC 6569	Sgr	H201-2 Globular VIII GCL,CB,L,R,RRR,*15..	
Jul 01 2019 36"	17mmT4	(Class VIII),MB,ML,ALM UB,FEW *S RSLV OUTER EDGE,R=G	
Sep 21 1984 12.5"	24mm	PF,PS,R,SBM,2F*S TO S IN A LINE POINTING TO A B DBL *,F* ON S EDGE	
Aug 13 1982 12.5"	16mm	DIF,MF,MS,R,GBM,UB	
157 NGC 6624	Sgr	H50-1 Globular VI GCL,VB,PL,R,RRR,ST16	
Jul 01 2019 36"	17mmT4	(Class IV),PB,ML,BSNUC,OUTER *S RSLV TO CORE,HISB CNTR,GMBM,R=GE	
Aug 13 1982 12.5"	16mm	VB,MS,BNUC,R,VMBM	
158 NGC 6626	Sgr M28	Globular GCL,VB,L,R,GECM,RRR M 28	
Jun 28 2019 36"	17mmT4	(Class V),VB,VL,GMBM,HISB MID,*S RSLV TO CORE,L SCATTERD OUTER *S,R=E	
Sep 11 2012 36"	17mmT4	VB,VL,HISB,RSLV TO CORE,HUNDREDS OF *S SIM MAG,WELL PLACED IN FOV,MHISB IN CNTR,R=E	

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158 NGC 6626	Sgr M28	Globular	GCL,VB,L,R,GECM,RRR	M 28
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
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			
159 NGC 6637	Sgr M69	Globular	GCL,B,L,R,RRR,*14.16	M 69
Jun 28 2019 36"	17mmT4	(Class V),PB,MS,F OUTER *S RSLV TO CORE,L CORE UB,R=G		
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
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			
160 NGC 6638	Sgr	H51-1	Globular VI	GCL,B,S,R,RR
Jun 28 2019 36"	17mmT4	(Class VIII),PB,MS,F OUTER *S RSLV TO SOF UB L CORE,R=GE		
Jun 18 1980 12.5"	24mm			
Jun 17 1980 12.5"	24mm			
161 NGC 6642	Sgr	H205-2	Globular VI	GCL,PB,PL,IR,GPMBM
Jun 28 2019 36"	17mmT4	(Class II),PB,ML,OUTER *S SC AND RSLV TO CORE,MHISB CNTR,R=G		
Aug 13 1982 12.5"	16mm	MF,PS,VMBM,R		
162 NGC 6652	Sgr	Globular	B,S,LE,RRR,ST15	
Jun 28 2019 36"	17mmT4	(Class VI),MB,MS,MHISB,OUTER *S RSLV TO CORE,R=G		
Sep 05 2007 31"	17mmT4	MB,ML,S CNTR CORE,OUTER *S RSLV,FEW BTR *S OFF EDGE,R=F		
163 NGC 6656	Sgr M22	Globular	GCL,VB,VL,R,VRI,VMC	M 22
Jun 28 2019 36"	17mmT4	(Class VII),EB,EL,I'S FILL FOV,B*S SC INTO CORE,L UB CORE, MHISB,R=EE		
Sep 11 2012 36"	17mmT4	EB,VL,RSLV TO CORE,HUNDREDS OF *S,CORE HISB OVAL TO R,FILLS 1/2 FOV,AWESOME,R=E		
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
Sep 20 1984 12.5"	16mm	VB,VL,RSLV,HUNDREDS OF *S,HISB CNTR,B*S ~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			
164 PAL 8	Sgr	Globular		Palomar 8
Jun 28 2019 36"	17mmT4	(Class XII),MF,ML,UB,LNUC,VF* RSLV SUR CORE,CORE UB,R=FG		
165 NGC 6681	Sgr M70	Globular	GCL,B,PL,R,GBM,	M 70
Jun 28 2019 36"	17mmT4	(Class IV),PB,MS,SB NUC,MHISB,OUTER *S RSLV TO CORE,R=G		
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
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			

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165 NGC 6681	Sgr M70	Globular	GCL,B,PL,R,GBM,	M 70
Jun 18 1980 12.5"	24mm			
166 NGC 6712	Sct	H47-1	Globular IX	GCL,PB,VL,IRR,RRR
Jun 28 2019 36"	17mmT4		(Class XI),MF,PL,LF NUC,F OUTER *S RSLV,UB CORE,R=G	
Sep 05 2007 31"	17mmT4		PB,VL,OVAL,HUNDREDS *S,RSLV TO CORE,*S MOSTLY SAME MAG,R=E	
Aug 13 2007 31"	31mmT5		VB,VL,RSLV,17MM *S IN CORE DET,R=E	
Aug 13 1982 12.5"	16mm		MB,VL,OVAL,PATCHY,SBM,OUTER *S STARTING TO RSLV	
167 NGC 6715	Sgr M54	Globular	GCL,VB,L,R,G,SMBM,	M 54
Jun 28 2019 36"	17mmT4		(Class III),VB,MS,LB NUC,HISB,*S RSLV TO LB CORE,R=GE	
Mar 22 2004 12.5"	12mmT4		MESSIER MARATHON 2004	
Sep 20 1984 12.5"	12mm		MB,PS,BNUC,VMBM,OUTER *S JUST RSLV,LNUC RGN	
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			
168 NGC 6717	Sgr	H143-3	Globular VIII	F,S,RR,CL+NEB
Jun 28 2019 36"	17mmT4		(Class IX),MF,PS,SB NUC,HISB,B* CLOSE BY,BROKEN PARTS OF NEB,OUTER *S RSLV,R=F	
Sep 04 2002 12.5"	9mmT6		PB,ML,B* CLOSE BY,VF* IN EDGE OF GLXY,HISB,2 HALVES OR PARTS DET	
169 NGC 6723	Sgr	Globular	GCL,VL,VLE,VGBM,RRR	
Jun 28 2019 36"	17mmT4		(Class XI),MF,VL,LF NUC,F OUTER *S RSLV,R=FG	
Sep 20 1981 12.5"	24mm			
Jun 18 1980 12.5"	24mm			
170 NGC 6749	Aql	Globular	CL,L,LC,ST L\$\$	
Jun 28 2019 36"	17mmT4		(Class XII),EF,PS,PATCH,UB,NND,R=P	
Jun 25 2003 12.5"	9mmT6		PB,ML,*S NOT GRP WELL,VF BG GLOW,R=P	
172 NGC 6760	Aql	Globular	2 19 08.6+0057	
Jun 28 2019 36"	17mmT4		(Class XII),MB,ML,MANY F*S RSLV, SUR SOFT UB BLNUC,R=G	
Aug 31 1984 12.5"	16mm		SAME,MHISB,3F*S ON OUTER EDGE	
Jul 10 1981 12.5"	12mm		DIF,R,PF,ML,*S 10...11 MAG,NO DIF HALO	
Jul 15 1980 12.5"	24mm			
Jul 11 1980 12.5"	24mm			
173 NGC 6779	Lyr M56	Globular	GCL,B,L,IR,GVMCM,RRR	M 56
Jul 01 2019 36"	17mmT4		(Class VIII),VB,ML,MHISB,RSLV TO CORE,OUTER *S SMWHT SC,CORE MHISB,*S RSLV,R=GE	
Mar 22 2004 12.5"	12mmT4		MESSIER MARATHON 2004	
Jun 04 1981 12.5"	16mm		MF,ML,*S ~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			
174 TER 7	Sgr	Globular		Terzan 7
Jun 28 2019 36"	17mmT4		(Class ?),EF,VS,PATCH,AV COMES AND GOES,LOC GOOD,R=P	
175 PAL 10	Sge	Globular		Palomar 10
Jul 01 2019 36"	17mmT4		(Class XII ?),EF,VS,PATCH,UB,NND,AV COMES AND GOES,LOC GOOD,SUSP,R=P	
Sep 23 2003 31"	17mmT4		EDIF,EF,MS,PATCH,SUSP,CANNOT CONFIRM,LOC GOOD,R=P	

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175 PAL 10	Sge	Globular	Palomar 10
Sep 23 2003 31"	25mm	EDIF,EF,MS,PATCH,HINT OF AREA OF SLT B,LOC GOOD,SUSP,R=P	
176 ARP 2	Sgr	Globular	ARP 2
Aug 03 2019 36"	17mmT4	(Class ?),VF,PS,PATCH,UB,R=P	
177 NGC 6809	Sgr M55	Globular GCL,PB,L,R,VRI,VGBM	M 55
Jun 28 2019 36"	17mmT4	(Class XI),VB,EL,OUTER *S RSLV,V L GLOW OF NUC,R=G	
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004	
Sep 20 1984 12.5"	16mm	PF,VL,MANY *S RSLV,MHISB,GLOW IN BG,LOC IN BARREN * FIELD	
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		
178 TER 8	Sgr	Globular	Terzan 8
Jul 01 2019 36"	17mmT4	(Class X ?),EF,ES,PATCH,UB,NND,R=P	
179 PAL 11	Aql	Globular	Palomar 11
Jun 28 2019 36"	17mmT4	(Class XII),VF,PS,NND,VF SC *S RSLV,LOOKS LIKE OPCL,R=PF	
180 NGC 6838	Sge M71	Globular CL,VL,VRI,PMC,*11.16	M 71
Jun 28 2019 36"	17mmT4	(Class II),PB,PL,RSLV,BTR *S ON TOP OF FTR *S,RICH * FOV,R=G	
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004	
Sep 23 2003 31"	25mm	EF,EL,RSLV,BEAUTIFUL,HUNDREDS OF *S,STRONG BG GLOW,R=E	
Aug 20 2003 31"	25mm	EB,EL,HUNDREDS/THOUSANDS OF *S,RSLV 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		
181 NGC 6864	Sgr M75	Globular GCL,B,PL,R,VMBMBN,RR	M 75
Jun 28 2019 36"	17mmT4	(Class I),VB,ML,BLNUC,HISB,VMBM,OUTER HALO *S RSLV GOING INTO BNUC,R=E	
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004	
Sep 20 1984 12.5"	12mm	MB,PS,BNUC,R,BM,OUTER HALO ALM RSLV	
Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981	
Jul 17 1980 12.5"	24mm		
Jun 18 1980 12.5"	24mm		
182 NGC 6934	Del	H103-1 Globular VIII GCL,B,L,R,RRR,*16...	
Jul 01 2019 36"	17mmT4	(Class VI),PB,PL,BNUC,OUTER & CORE *S RSLV,MORE F*S DET LONGER VIEWED,R=E	
Aug 20 2003 31"	25mm	VB,VL,RSLV TO CORE,HUNDRED'S OF *S,MANY *S DET IN CORE,R=E	
Jul 31 2002 12.5"	12mm	SAME	
Jul 08 1983 12.5"	12mm	MB,MS,BNUC,B* TO W,RSLV OUTER *S,GBM	
Jul 30 1981 12.5"	16mm	DNUC,GMBM,SOFT HALO OF *S RSLV,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		
183 NGC 6981	Aqr M72	Globular GCL,PB,PL,R,GMCM,RRR	M 72
Jun 28 2019 36"	17mmT4	(Class VIII),MB,PL,RSLV,*S VAR MAG,R=G	
Mar 22 2004 12.5"	12mmT4	MESSIER MARATHON 2004	

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183 NGC 6981	Aqr M72	Globular	GCL,PB,PL,R,GMCM,RRR M 72
Aug 31 1984	12.5" 16mm	PB,PL,BNUC,R,HISB CNTR,OUTER *S JUST RSLV	
Jul 09 1983	12.5" 12mm	MB,PL,RSLV,BM,SC *S EL2F*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		
184 NGC 7006	Del H52-1	Globular I	B,PL,R,GBM
Jul 01 2019	36" 17mmT4	(Class III),PB,ML,OUTER *S RSLV,L MHISB CORE,PAIR=PGC 65907,R=G	
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,S VDIF	
185 NGC 7078	Peg M15	Globular	GCL,VB,VL,IR,VSMBM M 15
Jul 01 2019	36" 17mmT4	(Class IV),EB,EL,HISB MID,COMPLETELY RSLV,GRAD BM,PEASE 1 B BLUE OFF CNTR,R=EEE	
Jul 05 2008	31" 17mmT4	(Class V),EB,EL,RSLV,THOUS *S,3D EFFECT,*S OUTER EDGE SC,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,BSNUC,RSLV HALO OF HUNDREDS OF *S	
Jul 29 1981	12.5" 16mm	EB,PL,BNUC,B 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		
186 NGC 7089	Aqr M2	Globular	GCL,B,VL,GPMBM,RRR M 2
Jul 01 2019	36" 17mmT4	(Class III),EB,EL,MHISB,RSLV,L CORE AREA RSLV,E FOV,SIM M15,R=EE	
Jul 05 2008	31" 17mmT4	(Class II),EB,VL,BCORE RSLV,HISB CNTR,R=E	
Mar 22 2004	12.5" 12mmT4	MESSIER MARATHON 2004	
Jul 09 1983	12.5" 12mm	VB,VL,RSLV,BM,HUNDREDS OF *S VISIBLE FAR FROM NUC,HISB CNTR	
Jul 10 1981	12.5" 16mm	RSLV 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	E UNDER HIGH POWER,USE BARLOW	
187 NGC 7099	Cap M30	Globular	GCL,B,L,LE,GPMBM M 30
Jul 01 2019	36" 17mmT4	(Class III),VB,VL,BSNUC,CORE HISB,LOOSELY SC BTR *S W/MANY F*S RSLV,CORE RSLV,BEST VIEW TO DATE,R=E	
Sep 28 2013	36" 17mmT4	M30,EB,VL,HISB,ABCLASS VI,OUT A DOZEN B* WITH HUNDREDS FTR *,RSLV TO CORE,HISB CORE,CORE ELR=E	
Sep 04 2005	10" 12mmT4	VB,PL,RSLV TO CORE,SVRL HUNDRED *S,HISB IN CORE,F OUTER HALO GLOW,R=E	
Jul 08 1983	12.5" 16mm	MB,PL,BNUC,MORE *S SC TO N,B*S TO N,BNUC,OUTER *S RSLV	
Jul 10 1981	12.5" 16mm	MB,PS,B CNTR RGN,GBM,HALO OF F*S	

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187 NGC 7099	Cap M30	Globular	GCL,B,L,LE,GPMBM	M 30
Sep 10 1980 12.5"	24mm			
188 PAL 12	Cap	Globular		Palomar 12
Jul 01 2019 36"	17mmT4	(Class XII),VF,MS,PATCH,UB,NND,NO CL OF *S IN CORE,SATELLITE WENT THROUGH OBJ,R=P		
189 PAL 13	Peg	Globular		Palomar 13
Jul 01 2019 36"	17mmT4	(Class XII),VDIF,EF,VS,PATCH,UB,NND,AV HOLDS, LOC GOOD,R=P		
190 NGC 7492	Aqr	H558-3 Globular XII EF,L,BET2D*		
Jul 01 2019 36"	17mmT4	(Class XII),VF,ML,PATCH,UB,NND,NO *S CL IN CNTER,EVENLY DISP,R=P		
Jul 10 1981 12.5"	16mm	DIF,PF,VL,F DIF *S		
Sep 10 1980 12.5"	32mm	BARELY VISIBLE		