

# Astronomical League

## Globular Cluster Observing Club

<b>33</b>	<b>NGC 288</b>	<b>Sci</b>	<b>H20-6</b>	<b>Globular</b>	<b>GCL,B,L,LE,*12...16</b>	
	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!!	
<b>44</b>	<b>PAL 1</b>	<b>Cep</b>		<b>Globular</b>		<b>Palomar 1</b>
	Sep 18 2004 31"	17mmT4			VDIF,EF,MS,PATHC,UB,AV,STAR HOPPED,LOC GOOD,PATCH AREA WITH AV,R=P	
<b>47</b>	<b>PAL 2</b>	<b>Aur</b>		<b>Globular</b>		<b>Palomar 2</b>
	Dec 04 2004 31"	17mmT4			VF,VL,R,PATCH,R=P	
<b>48</b>	<b>NGC 1851</b>	<b>Col</b>		<b>Globular</b>	<b>GCL,VB,VL,R,VSVVBM</b>	
	Oct 12 2012 36"	17mmT4			EB,EL,LARGE BNUC,HISB,VERY SIM TO M15,RESOLVED TO CORE,8.8 DEG ABOVE HORIZON,HUNDREDS OF F* AROUND CORE,HISB MIDDLE,R=GE	
<b>49</b>	<b>NGC 1904</b>	<b>Lep M79</b>		<b>Globular</b>	<b>GCL,PL,ERI,EC,RRR</b>	<b>M 79</b>
	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				
<b>50</b>	<b>NGC 2298</b>	<b>Pup</b>		<b>Globular</b>	<b>GCL,B,PL,IR,GBM,RR</b>	
	Dec 03 1980 12.5"	24mm				
<b>51</b>	<b>NGC 2419</b>	<b>Lyn</b>	<b>H218-1</b>	<b>Globular</b>	<b>PB,PL,LE90,VGBM,*4F</b>	
	Oct 16 1982 12.5"	16mm			MF,PL,R,UB,SBM,2 B*S POINT TO IT,COUPLE OF F*S SCATTERED AROUND OBJECT	
<b>56</b>	<b>PAL 3</b>	<b>Sex</b>		<b>Globular</b>		<b>Palomar 3</b>
	Apr 11 2015 36"	17mmT4			EF,VS,PATCH,~TYPE X,AV ONLY SUSP,LOC GOOD,JUST A HINT OF EXTREMELY FAINT SMUG,R=P	
<b>58</b>	<b>PAL 4</b>	<b>UMa</b>		<b>Globular</b>		<b>Palomar 4</b>
	Apr 11 2015 36"	17mmT4			EF,MS,PATCH,~TYPE X,VERY F PATCH,CANNOT MAKE OUT INDIVIDUAL *S,R=P	
<b>59</b>	<b>NGC 4147</b>	<b>Com</b>	<b>H19-1</b>	<b>Globular</b>	<b>GCL,VB,PL,R,GBM,RRR</b>	
	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	
<b>62</b>	<b>NGC 4590</b>	<b>Hya M68</b>		<b>Globular</b>	<b>GCL,L,ERI,VC,IR,ST12</b>	<b>M 68</b>
	Apr 11 2015 36"	17mmT4			VB,VL,~TYPE VIII,RESOLVED TO CORE,MOD HISB CORE,*S VAR MAG SCATTERED,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				
<b>64</b>	<b>NGC 5024</b>	<b>Com M53</b>		<b>Globular</b>	<b>GCL,B,VC,IR,VVMBM,</b>	<b>M 53</b>
	Apr 11 2015 36"	17mmT4			VB,VL,RESOLVED TO CORE,GROUP OF B*S OFF ONE SIDE OF NUC,MOD HISB SECTIONS IN NUC,*S FALL OFF SHARPLY MOVING AWAY FROM NUC,~TYPE III,R=EE	
	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	
<b>65</b>	<b>NGC 5053</b>	<b>Com</b>	<b>H7-6</b>	<b>Globular</b>	<b>CL,VF,PL,IR,VGBM,*15</b>	
	Apr 11 2015 36"	17mmT4			MB,PL,DOZ OR SO B*S LOOSLY SCATTERED,LITTLE CLUSTERING IN NUC AREA DET,OC LIKE,~TYPE XII,R=G	
	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				
<b>67</b>	<b>NGC 5272</b>	<b>CVn M3</b>		<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>	<b>M 3</b>

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<b>67</b>	<b>NGC 5272</b>	<b>CVn M3</b>	<b>Globular</b>	<b>GCL,EB,VL,VSBM,*11.</b>	<b>M 3</b>
Apr 11 2015	36"	17mmT4	EB,EL,BRTHISB CORE RESOLVED,3-D LIKE,AMAZING,HUNDREDS OF *S RESOLVED,~TYPE VI,R=EE		
May 14 2010	31"	17mmT4	EB,EL,HISB GLOW IN NUC,RESOLVED,TYPE III,LARGE TIGHT CORE,HUNDREDS F*S SCATTERED AROUND CORE,R=E		
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			
Jul 05 1980	12.5"	24mm			
Apr 18 1980	6"	24mm			
Apr 16 1980	6"	24mm			
<b>70</b>	<b>NGC 5466</b>	<b>Boo</b>	<b>H9-6</b>	<b>Globular</b>	<b>CL,L,VRI,VMC,ST11...</b>
Apr 11 2015	36"	17mmT4	MB,ML,BRT 'S LOOSLY SCATTERED,FT SOFT BACKGROUND AROUND NUC AREA,~TYPE XI,R=G		
May 06 1981	12.5"	16mm	VB,EL		
Jul 14 1980	12.5"	24mm			
<b>71</b>	<b>NGC 5634</b>	<b>Vir</b>	<b>H70-1</b>	<b>Globular</b>	<b>GCL,VB,CL,R,GBM,RRR</b>
Apr 11 2015	36"	17mmT4	PB,MS,SPEC FOV,BRT FOREGROUND * CLOSE BY,SEVERAL B*S AROUND NUC,MOD HISB MID,RESOLVED CORE,LITTLE OR NO HALO,~TYPE II,R=E		
Jun 11 1983	12.5"	20mm	VB,PL,BNUC,TRI OF B*S AROUND OBJECT,HISB,BM		
<b>72</b>	<b>NGC 5694</b>	<b>Hya</b>	<b>H196-2</b>	<b>Globular</b>	<b>CB,CS,R,PSBM,R,*9SP</b>
Apr 11 2015	36"	17mmT4	PB,MS,SM BRT NUC WITH HISB,HALO OF RESOLVED *S CLOSE TO NUC,19 DEG ALT,~TYPE III,R=G		
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		
<b>76</b>	<b>NGC 5897</b>	<b>Lib</b>	<b>H19-6</b>	<b>Globular</b>	<b>GCL,PF,L,VIR,VGBM,</b>
May 02 1981	12.5"	16mm	PB,EL		
<b>77</b>	<b>NGC 5904</b>	<b>Ser M5</b>	<b>Globular</b>	<b>GCL,VB,L,ECM,*11..15</b>	<b>M 5</b>
Mar 16 2010	31"	17mmT4	EB,EL,FILLS FOV,RESOLVED TO CORE,HUNDREDS OF *S,NICE TIGHT NUC,AV RESOLVES MORE *S,TYPE V,E=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			
<b>84</b>	<b>NGC 6093</b>	<b>Sco M80</b>	<b>Globular</b>	<b>GCL,VB,L,VMBM(VAR*)</b>	<b>M 80</b>
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			
<b>85</b>	<b>NGC 6121</b>	<b>Sco M4</b>	<b>Globular</b>	<b>CL,8OR1OB*LINE,RRR</b>	<b>M 4</b>
May 09 2010	31"	17mmT4	VB,EL,TYPE VIII,RESOLVED TO CORE,WIDELY SCATTERED OUTER HALO,VARIOUS MAG'S,CORE VAR MAG'S,R=E		
Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981		

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<b>85</b>	<b>NGC 6121</b>	<b>Sco M4</b>	<b>Globular</b>	<b>CL,8OR10B*LINE,RRR</b>	<b>M 4</b>
	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			
<b>87</b>	<b>NGC 6144</b>	<b>Sco</b>	<b>H10-6 Globular</b>	<b>CL,CL,MC,GBM,RRR</b>	
	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	
<b>90</b>	<b>NGC 6171</b>	<b>Oph M10</b>	<b>H40-6 Globular</b>	<b>GCL,L,VRI,VMC,R,RRR</b>	<b>M 107</b>
	May 09 2010	31" 17mmT4		VB,VL,TYPE VI,RESOLVED TO CORE,LARGE OUTER HALO SCATTERED *S VARIOUS 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 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			
<b>92</b>	<b>NGC 6205</b>	<b>Her M13</b>	<b>Globular</b>	<b>GCL,EB,VRI,VGECM,*11</b>	<b>M 13 Great Cluster in Hercules</b>
	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			
<b>93</b>	<b>NGC 6229</b>	<b>Her</b>	<b>H50-4 Globular</b>	<b>GCL,VB,L,R,DISC,R</b>	
	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			

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<b>93</b>	<b>NGC 6229</b>	<b>Her</b>	<b>H50-4</b>	<b>Globular</b>	<b>GCL,VB,L,R,DISC,R</b>	
Apr 18 1980	6"	24mm	LOOKS LIKE 3RD * IN A TRI			
<b>94</b>	<b>NGC 6218</b>	<b>Oph M12</b>		<b>Globular</b>	<b>GCL,VB,VL,IR,GMBM</b>	<b>M 12</b>
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				
<b>95</b>	<b>NGC 6235</b>	<b>Oph</b>	<b>H584-2</b>	<b>Globular</b>	<b>PB,CL,IR,RRR,*14..16</b>	
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			
<b>96</b>	<b>NGC 6254</b>	<b>Oph M10</b>		<b>Globular</b>	<b>GCL,B,VL,R,GVMBM,RRR</b>	<b>M 10</b>
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				
<b>99</b>	<b>NGC 6266</b>	<b>Oph M62</b>		<b>Globular</b>	<b>GCL,VB,L,GMBM,RRR,</b>	<b>M 62</b>
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				
<b>100</b>	<b>NGC 6273</b>	<b>Oph M19</b>		<b>Globular</b>	<b>GCL,VB,L,R,VCM,RRR</b>	<b>M 19</b>
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				
<b>101</b>	<b>NGC 6284</b>	<b>Oph</b>	<b>H11-6</b>	<b>Globular</b>	<b>GCL,B,L,R,CM,ST16...</b>	
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				
<b>102</b>	<b>NGC 6287</b>	<b>Oph</b>	<b>H195-2</b>	<b>Globular</b>	<b>GCL,CB,L,R,GPMCM,RRR</b>	
Jul 21 1984	12.5"	16mm	VDIF,VF,MS,OVAL,UB,NO *S RESOLVED			

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<b>102 NGC 6287</b>	<b>Oph</b>	<b>H195-2</b>	<b>Globular</b>	<b>GCL,CB,L,R,GPMCM,RRR</b>	
Jun 04 1981	12.5" 24mm			DIF,PF,MS	
Jun 18 1980	12.5" 24mm			EF,NND,LOC IN BARREN * FIELD	
<b>103 NGC 6293</b>	<b>Oph</b>	<b>H12-6</b>	<b>Globular</b>	<b>GCL,VB,L,R,PSBM,ST16</b>	
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				
<b>104 NGC 6304</b>	<b>Oph</b>	<b>H147-1</b>	<b>Globular</b>	<b>GCL,B,CL,R,LBM,RRR</b>	
Jun 04 1981	12.5" 24mm			DIF,MF,PS	
Jun 18 1980	12.5" 24mm				
<b>105 NGC 6316</b>	<b>Oph</b>	<b>H45-1</b>	<b>Globular</b>	<b>GCL,CB,PS,R,GVMBM</b>	
Jun 04 1981	12.5" 24mm			DIF,MF,MS	
<b>106 NGC 6341</b>	<b>Her M92</b>		<b>Globular</b>	<b>GCL,VB,VL,ECM,ST S</b>	<b>M 92</b>
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				
<b>107 NGC 6325</b>	<b>Oph</b>		<b>Globular</b>	<b>PF,L,R,RR</b>	
Jun 04 1981	12.5" 24mm			DIF,EF,ML,LOCATED NORTH OF DOUBLE *	
<b>108 NGC 6333</b>	<b>Oph M9</b>		<b>Globular</b>	<b>GCL,B,L,R,ECM,RRR,</b>	<b>M 9</b>
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				
<b>109 NGC 6342</b>	<b>Oph</b>	<b>H149-1</b>	<b>Globular</b>	<b>CB,PS,LE,ER</b>	
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	
<b>110 NGC 6355</b>	<b>Oph</b>	<b>H46-1</b>	<b>Globular</b>	<b>CF,L,R,GBM,RRR</b>	
Jun 04 1981	12.5" 24mm			DIF,PF,PS	
<b>111 NGC 6356</b>	<b>Oph</b>	<b>H48-1</b>	<b>Globular</b>	<b>GCL,VB,CL,VGVMBM,RR</b>	
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				

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<b>111 NGC 6356</b>	<b>Oph</b>	<b>H48-1</b>	<b>Globular</b>	<b>GCL,VB,CL,VGVM,RR</b>
Jun 10 1980 6"	24mm			R
<b>113 IC 1257</b>	<b>Oph</b>		<b>Globular</b>	
May 16 2004 31"	17mmT4			DIF,VF,ML,OVAL,UB,LOC IN BARRON * FIELD,R=P
<b>114 NGC 6366</b>	<b>Oph</b>		<b>Globular</b>	<b>F,L,VLBM</b>
Jun 04 1981 12.5"	24mm			DIF,VF,EL,EAST OF B*
<b>124 NGC 6401</b>	<b>Oph</b>	<b>H44-1</b>	<b>Globular</b>	<b>PB,PL,R,*12F INV</b>
Jun 04 1981 12.5"	24mm			DIF
<b>125 NGC 6402</b>	<b>Oph M14</b>		<b>Globular</b>	<b>GCL,B,VL,R,ERI,VGMBM M 14</b>
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			
<b>128 NGC 6426</b>	<b>Oph</b>	<b>H587-2</b>	<b>Globular</b>	<b>VF,CL,E,VLBM</b>
Jun 04 1981 12.5"	24mm			DIF,MF,PS
<b>131 NGC 6440</b>	<b>Sgr</b>	<b>H150-1</b>	<b>Globular</b>	<b>PB,PL,R,BM</b>
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
<b>138 NGC 6517</b>	<b>Oph</b>	<b>H199-2</b>	<b>Globular</b>	<b>PB,PL,R,RR</b>
Jun 04 1981 12.5"	24mm			DIF,PF,PS
<b>141 NGC 6522</b>	<b>Sgr</b>	<b>H49-1</b>	<b>Globular</b>	<b>GCL,B,PL,R,GVMBM,RRR</b>
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
<b>142 NGC 6535</b>	<b>Ser</b>		<b>Globular</b>	<b>PF,VS,VSNEB*P</b>
May 31 1981 12.5"	24mm			PF,ML
<b>143 NGC 6539</b>	<b>Ser</b>		<b>Globular</b>	<b>NO DESCRIPT</b>
May 31 1981 12.5"	24mm			PB,PL
<b>144 NGC 6528</b>	<b>Sgr</b>	<b>H200-2</b>	<b>Globular</b>	<b>GCL,PF,CS,R,GBM,RRR</b>
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
<b>145 NGC 6540</b>	<b>Sgr</b>	<b>H198-2</b>	<b>Globular</b>	<b>PF,S,IE,ER OR CL</b>
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
<b>147 NGC 6544</b>	<b>Sgr</b>	<b>H197-2</b>	<b>Globular</b>	<b>CF,PL,IR,R</b>
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
<b>149 NGC 6553</b>	<b>Sgr</b>	<b>H12-4</b>	<b>Globular</b>	<b>GCL,F,L,LE,VGLBM,RR</b>
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
<b>152 NGC 6558</b>	<b>Sgr</b>		<b>Globular</b>	<b>GCL,PB,PL,R,GLBM,RRR</b>
Sep 21 1984 12.5"	16mm			DIF,VF,VS,PATCHY-OVAL,2F*S OFF TO ONE SIDE
<b>155 NGC 6569</b>	<b>Sgr</b>	<b>H201-2</b>	<b>Globular</b>	<b>GCL,CB,L,R,RRR,*15..</b>
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

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<b>157 NGC 6624</b>	<b>Sgr</b>	<b>H50-1</b>	<b>Globular</b>	<b>GCL,VB,PL,R,RRR,ST16</b>
Aug 13 1982 12.5"	16mm			VB,MS,BNUC,R,VMBM
<b>158 NGC 6626</b>	<b>Sgr M28</b>		<b>Globular</b>	<b>GCL,VB,L,R,GECM,RRR M 28</b>
Sep 11 2012 36"	17mmT4			VB,VL,HISB,RESOLVED TO CORE,HUNDREDS OF *S SIMILAR MAG,WELL PLACED IN FOV,MOD HISB IN MIDDLE,R=E
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			
<b>159 NGC 6637</b>	<b>Sgr M69</b>		<b>Globular</b>	<b>GCL,B,L,R,RRR,*14.16 M 69</b>
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			
<b>160 NGC 6638</b>	<b>Sgr</b>	<b>H51-1</b>	<b>Globular</b>	<b>GCL,B,S,R,RR</b>
Jun 18 1980 12.5"	24mm			
Jun 17 1980 12.5"	24mm			
<b>161 NGC 6642</b>	<b>Sgr</b>	<b>H205-2</b>	<b>Globular</b>	<b>GCL,PB,PL,IR,GPMBM</b>
Aug 13 1982 12.5"	16mm			MF,PS,VMBM,R
<b>162 NGC 6652</b>	<b>Sgr</b>		<b>Globular</b>	<b>B,S,LE,RRR,ST15</b>
Sep 05 2007 31"	17mmT4			MB,ML,SMALL CENTRAL CORE,OUTER *S RESOLVED,FEW BRTER *S OFF EDGE,R=F
<b>163 NGC 6656</b>	<b>Sgr M22</b>		<b>Globular</b>	<b>GCL,VB,VL,R,VRI,VMC M 22</b>
Sep 11 2012 36"	17mmT4			EB,VL,RESOVLED TO CORE,HUNDREDS OF *S,CORE HISB OVAL TO ROUND,FILLS 1/2 FOV,AWESOME,,R=E
Mar 22 2004 12.5"	12mmT4			MESSIER MARATHON 2004
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			
<b>165 NGC 6681</b>	<b>Sgr M70</b>		<b>Globular</b>	<b>GCL,B,PL,R,GBM, M 70</b>
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			
Jun 18 1980 12.5"	24mm			
<b>166 NGC 6712</b>	<b>Sct</b>	<b>H47-1</b>	<b>Globular</b>	<b>GCL,PB,VL,IRR,RRR</b>
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

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<b>166 NGC 6712</b>	<b>Sct</b>	<b>H47-1</b>	<b>Globular</b>	<b>GCL,PB,VL,IRR,RRR</b>	
Aug 13 1982	12.5" 16mm			MB,VL,OVAL,PATCHY,SBM,OUTTER *S STARTING TO RESOLVE	
<b>167 NGC 6715</b>	<b>Sgr M54</b>		<b>Globular</b>	<b>GCL,VB,L,R,G,SMBM,</b>	<b>M 54</b>
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				
<b>168 NGC 6717</b>	<b>Sgr</b>	<b>H143-3</b>	<b>Globular</b>	<b>F,S,RR,CL+NEB</b>	
Sep 04 2002	12.5" 9mmT6			PB,ML,B* CLOSE BY,VF* IN EDGE OF GAL,HISB,2 HALVES OR PARTS DETECTED	
<b>169 NGC 6723</b>	<b>Sgr</b>		<b>Globular</b>	<b>GCL,VL,VLE,VGBM,RRR</b>	
Sep 20 1981	12.5" 24mm				
Jun 18 1980	12.5" 24mm				
<b>170 NGC 6749</b>	<b>Aql</b>		<b>Globular</b>	<b>CL,L,LC,ST L\$\$</b>	
Jun 25 2003	12.5" 9mmT6			PB,ML,*S NOT GROUPED WELL,VERY FAINT BACKGROUND GLOW,R=P	
<b>172 NGC 6760</b>	<b>Aql</b>		<b>Globular</b>	<b>2 19 08.6+0057</b>	
Aug 31 1984	12.5" 16mm			SAME,MOD HISB,3F*S ON OUTTER 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				
<b>173 NGC 6779</b>	<b>Lyr M56</b>		<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>	<b>M 56</b>
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				
<b>175 PAL 10</b>	<b>Sge</b>		<b>Globular</b>		<b>Palomar 10</b>
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	
<b>177 NGC 6809</b>	<b>Sgr M55</b>		<b>Globular</b>	<b>GCL,PB,L,R,VRI,VGBM</b>	<b>M 55</b>
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	
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				
<b>180 NGC 6838</b>	<b>Sge M71</b>		<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>	<b>M 71</b>
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	



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<b>180 NGC 6838</b>	<b>Sge M71</b>	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>	<b>M 71</b>
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			
<b>181 NGC 6864</b>	<b>Sgr M75</b>	<b>Globular</b>	<b>GCL,B,PL,R,VMBMBN,RR</b>	<b>M 75</b>
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			
<b>182 NGC 6934</b>	<b>Del</b>	<b>H103-1 Globular</b>	<b>GCL,B,L,R,RRR,*16...</b>	
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			
<b>183 NGC 6981</b>	<b>Aqr M72</b>	<b>Globular</b>	<b>GCL,PB,PL,R,GMCM,RRR</b>	<b>M 72</b>
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			
<b>184 NGC 7006</b>	<b>Del</b>	<b>H52-1 Globular</b>	<b>B,PL,R,GBM</b>	<b>very distant globular</b>
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		
<b>185 NGC 7078</b>	<b>Peg M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>	<b>M 15</b>
Jul 05 2008 31"	17mmT4	EB,EL,RESOLVED,THOUS *S,3D EFFECT,CLASS V,*S OUTTER 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			
<b>186 NGC 7089</b>	<b>Aqr M2</b>	<b>Globular</b>	<b>GCL,B,VL,GPMBM,RRR</b>	<b>M 2</b>

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<b>186 NGC 7089</b>	<b>Aqr M2</b>	<b>Globular</b>	<b>GCL,B,VL,GPMBM,RRR M 2</b>
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	
<b>187 NGC 7099</b>	<b>Cap M30</b>	<b>Globular</b>	<b>GCL,B,L,LE,GPMBM M 30</b>
Sep 28 2013	36" 17mmT4	M30,EB,VL,HISB,ABOUT A DOZEN B* WITH HUNDREDS FAINTER *,RESOLVED TO CORE,HISB CORE,CORE ELONG,TYPE VI,R=E	
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		
<b>190 NGC 7492</b>	<b>Aqr</b>	<b>H558-3 Globular</b>	<b>EF,L,BET2D*</b>
Jul 10 1981	12.5" 16mm	DIF,PF,VL,FAINT DIF *S	
Sep 10 1980	12.5" 32mm	BARELY VISIBLE	