

# Globular Cluster Observations

<b>BOL 119</b>	<b>And</b>	<b>Globular</b>	<b>NBo1 14</b>
Aug 02 2005	8" 11mmT6	MB,ML,OVAL,MSB,R=G	
<b>ESO 456-38</b>	<b>Sgr</b>	<b>Globular</b>	<b>Djorgovski 2</b>
Jul 13 2007	8" 7.5mmW	PB,PS,RESOLVE OUTER STARS,R=G	
Jul 09 2005	8" 11mmT6	VF,VS,R=F	
<b>HP 1</b>	<b>Oph</b>	<b>Globular</b>	
Jul 23 2016	12" 8mm Et	VF,VS,R=P.	
Jul 13 2007	8" 7.5mmW	VF,VS,R,PATCHY,R=F	
<b>IC 1257</b>	<b>Oph</b>	<b>Globular</b>	
Jul 03 2005	8" 11mmT6	VF,VS,AV,R=F	
<b>IC 1276</b>	<b>Ser</b>	<b>Globular</b>	
Jul 09 2005	8" 11mmT6	VF,ML,R=F	
<b>NGC 288</b>	<b>Sci</b>	<b>H20-6 Globular GCL,B,L,LE,*12...16</b>	
Oct 09 2007	8" 11mmT6	PB,PL,SMUDGE, RESOLVED NO STARS,R=G	
<b>NGC 1904</b>	<b>Lep M79</b>	<b>Globular GCL,PL,ERI,EC,RRR</b>	<b>M 79</b>
Mar 16 2012	18" 17mmAT	2012 M.M.	
Mar 01 2011	12" 17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12" 26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16" 26mm	MESSIER MARATHON - 2009	
Mar 26 2006	8" 19mmW	B,PS,,TIGHT,R=F	
Mar 19 2004	8" 25mmPL	2004 MESSIER MARATHON - ARGO NAVIS	
Dec 26 2003	8" 25mmPL	Q/M COLD	
<b>NGC 2419</b>	<b>Lyn</b>	<b>H218-1 Globular PB,PL,LE90,VGBM,*4'F</b>	
Dec 04 2004	8" 7.5mmW	OVAL,R=G	
<b>NGC 4147</b>	<b>Com</b>	<b>H19-1 Globular GCL,VB,PL,R,GBM,RRR</b>	
May 30 2016	12" 8mm Et	PF,PS,R=F. UNRESOLVED STARS	
Mar 29 2006	8" 11mmT6	F,S,R,NND,R=F CLASS IX	
Apr 13 2005	8" 7.5mmW	R,MSB,R=G	
<b>NGC 4590</b>	<b>Hya M68</b>	<b>Globular GCL,L,ERI,VC,IR,ST12</b>	<b>M 68</b>
May 14 2017	12" 11mmT6	LOW ON HORIZON. JUST A SMUDGE	
May 30 2016	12" 8mm Et	PF,PS,R=F. LOW ON HORIZON	
Mar 16 2012	18" 17mmAT	2012 M.M.	
Mar 01 2011	12" 17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12" 11mmT6	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16" 26mm	MESSIER MARATHON - 2009	
Mar 27 2006	8" 19mmW	F,L,R,R=F, DENSE CLUSTER	
Mar 19 2004	8" 25mmPL	2004 MESSIER MARATHON - ARGO NAVIS	
<b>NGC 5024</b>	<b>Com M53</b>	<b>Globular GCL,B,VC,IR,VVMBM,</b>	<b>M 53</b>
May 30 2016	12" 8mm Et	FMSMR=G. RESOLVED OUTER STARS	
Mar 16 2012	18" 17mmAT	2012 M.M.	

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**NGC 5024 Com M53 Globular GCL,B,VC,IR,VVMBM, M 53**  
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES  
 Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES  
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009  
 Mar 10 2007 1.9" 12x50 PB,PL,R=G,COMPRESSED  
 Mar 26 2006 8" 19mmW PB,L,HSB,R=G, DENSE  
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS

**NGC 5053 Com H7-6 Globular CL,VF,PL,IR,VGBM,\*15**  
 May 30 2016 12" 8mm Et VF,S,R=F  
 Mar 10 2007 1.9" 12x50 PB,PL,R=G,COMPRESSED  
 May 12 2005 31" 19mmW FAINT,OVAL,R=F

**NGC 5272 CVn M3 Globular GCL,EB,VL,VSMBM,\*11. M 3**  
 May 14 2017 12" 17mmT4 NICE OBJECT. FIRST GLOBULAR OF THE SEASON  
 Aug 07 2016 12" 8mm Et BRIGHT,SMALL,R=G  
 May 30 2016 12" 8mm Et B,L,R=G. VERY NICE  
 May 23 2015 12" 8mm Ds GOOD SHOW  
 Sep 19 2014 12" 17mmAT B,L,R=F, HOME - 8-14-14  
 Mar 16 2012 18" 17mmAT 2012 M.M.  
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES  
 Mar 08 2010 12" 26mm M.M. 2010 MANUAL SETTING CIRCLES  
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009  
 Jul 21 2007 1.9" 12x50 PB,S,R=G, SAME FOV AS C/2006-VZ13  
 Mar 10 2007 1.9" 12x50 F,PS,R=F  
 Mar 26 2006 8" 19mmW PB,PL,R,HSB,R=G  
 Apr 04 2005 8" 11mmT6 LARGE, BRIGHT & ROUND!!!  
 Aug 14 2004 8" 11mmT6 LARGER THAN I THOUGHT  
 Apr 05 2004 8" 25mmPL FULLMOON - \*\*MEGASTAR CONTROL\*\*  
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS  
 Mar 13 2004 8" 25mmPL COMPUTER = ARGO NAVIS

**NGC 5466 Boo H9-6 Globular CL,L,VRI,VMC,ST11...**  
 May 30 2016 12" 8mm Et VF,S,R=G  
 May 04 2005 8" 11mmT6 VF,R,R=F

**NGC 5634 Vir H70-1 Globular GCL,VB,CL,R,GBM,RRR**  
 May 30 2016 12" 8mm Et F,S,R=F  
 Apr 14 2016 12" 11mmT6 SURPRISE IN VIRGO.  
 Apr 28 2006 31" 19mmW PB,CL,R,R=G, CAN'T RESOLVE STARTS. VIII  
 Jun 23 2004 8" 25mmPL QUARTER MOON, LEFT @1:30AM.

**NGC 5694 Hya H196-2 Globular CB,CS,R,PSBM,R,\*9SP**  
 Apr 13 2005 8" 7.5mmW VS,VF,R,R=F

**NGC 5824 Lup Globular PB,S,STELL,N**  
 Jul 01 2016 12" 8mm Et B,S,R=G, CANNOT RESOLVE STARS

**NGC 5897 Lib H19-6 Globular GCL,PF,L,VIR,VGBM,**  
 May 30 2016 12" 8mm Ds PF,S,R=F

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<b>NGC</b>	<b>5897</b>	<b>Lib</b>	<b>H19-6</b>	<b>Globular</b>	<b>GCL,PF,L,VIR,VGBM,</b>	
Jul 21 2007	1.9"	12x50		PF,PS,AV,R=F		
Jul 23 2006	8"	11mmT6		CF,PS,R,R=F		
Jul 15 2006	8"	19mmW		VF,PS,R=F, DIM, UNRESOLVED.		
May 16 2004	10"	28mm		CLEAR - MEGASTAR CONTROL		
<b>NGC</b>	<b>5904</b>	<b>Ser</b>	<b>M5</b>	<b>Globular</b>	<b>GCL,VB,L,ECM,*11..15</b>	<b>M 5</b>
Jul 02 2017	12"	17mmT4		CAN RESOLVE SOME STARS.		
May 30 2016	12"	8mm Ds		1ST OBJECT TONIGHT		
May 23 2015	12"	11mmT6				
Mar 16 2012	18"	17mmAT		2012 M.M.		
Mar 01 2011	12"	17mmAT		M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12"	26mm		M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009	16"	26mm		MESSIER MARATHON - 2009		
Aug 16 2006	1.9"	12x50		B,S,R=G		
Mar 27 2006	8"	19mmW		B,L,R=G,DENSE, RESOLVE OUTER STARS		
May 04 2005	8"	11mmT6		VB,VL,R=E!!		
May 16 2004	10"	28mm		CLEAR - MEGASTAR CONTROL		
Mar 19 2004	8"	25mmPL		2004 MESSIER MARATHON - ARGO NAVIS		
<b>NGC</b>	<b>5986</b>	<b>Lup</b>		<b>Globular</b>	<b>GCL,VB,L,R,VGBM,*13.</b>	
Jul 01 2016	12"	8mm Et		F,S,R=F, FAINT OUTER STARS		
<b>NGC</b>	<b>6093</b>	<b>Sco</b>	<b>M80</b>	<b>Globular</b>	<b>GCL,VB,L,VMBM(VAR*)</b>	<b>M 80</b>
Jul 01 2016	12"	8mm Et		B,F,R=G		
Mar 16 2012	18"	17mmAT		2012 M.M.		
Mar 16 2012	18"	17mmAT		2012 M.M.		
Mar 01 2011	12"	17mmAT		M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12"	11mmT6		M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009	16"	26mm		MESSIER MARATHON - 2009		
Aug 20 2006	1.9"	12x50		PF,S,R=F		
Mar 27 2006	8"	19mmW		VB,S,R=G,TIGHT GROUP		
May 22 2004	8"	25mmPL		DECENT NIGHT - MEGASTAR CONTROL		
<b>NGC</b>	<b>6121</b>	<b>Sco</b>	<b>M4</b>	<b>Globular</b>	<b>CL,8OR10B*LINE,RRR</b>	<b>M 4</b>
Jul 02 2017	12"	17mmT4		WASHED OUT. MOON NINE DAYS OLD.		
Aug 07 2016	12"	8mm Et		BRIGHT, LARGE,R=E		
May 30 2016	12"	8mm Ds		F,L,R=G		
Jul 15 2015	12"	8mm Ds		EYE CANDY TO START		
May 23 2015	12"	11mmT6		EYE CANDY		
Sep 19 2014	12"	17mmAT		5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
Jul 13 2013	18"	7mm TV		MORE EYE CANDY		
Mar 16 2012	18"	17mmAT		2012 M.M.		
Jul 04 2011	12"	17mmT4		GOOD LOOKING		
Mar 01 2011	12"	17mmAT		M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12"	11mmT6		M.M. 2010 MANUAL SETTING CIRCLES		
Aug 12 2006	1.9"	12x50		PF,VL,R,R=G		
Mar 27 2006	8"	19mmW		B,L,R=G,LOOSELY PACKED		
Aug 14 2004	8"	11mmT6				
May 22 2004	8"	25mmPL		DECENT NIGHT - MEGASTAR CONTROL		

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<b>NGC 6121</b>	<b>Sco M4</b>	<b>Globular CL,8OR1OB*LINE,RRR</b>	<b>M 4</b>
May 16 2004	10" 28mm	CLEAR - MEGASTAR CONTROL	
<b>NGC 6139</b>	<b>Sco</b>	<b>Globular B,PL,R,PSBM,RR</b>	
Jul 01 2016	12" 8mm Et	F,S,R=P, LOW ON HORIZON.	
Jul 03 2005	8" 11mmT6	VF,VS,R,R=F	
<b>NGC 6144</b>	<b>Sco</b>	<b>H10-6 Globular CL,CL,MC,GBM,RRR</b>	
Jul 01 2016	12" 8mm Et	F,L,R=G	
Sep 19 2014	12" 17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14	
Jun 05 2011	12" 17mmT4	NICE GLOB.	
Jul 03 2005	8" 11mmT6	VF,VS,R,AV,R=F	
<b>NGC 6171</b>	<b>Oph M107</b>	<b>H40-6 Globular GCL,L,VRI,VMC,R,RRR</b>	<b>M 107</b>
Jul 02 2017	12" 17mmT4	OK	
Mar 16 2012	18" 17mmAT	2012 M.M.	
Mar 01 2011	12" 17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12" 11mmT6	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16" 26mm	MESSIER MARATHON - 2009	
Aug 20 2006	1.9" 12x50	VF,PS,AV,R=F	
Mar 27 2006	8" 19mmW	F,L,R=F, DENSE	
Jun 14 2004	8" 25mmPL	SPOTTY CLOUDS - MEGASTAR CONTROL	
<b>NGC 6205</b>	<b>Her M13</b>	<b>Globular GCL,EB,VRI,VGECM,*11</b>	<b>M 13 Great Cluster in Hercules</b>
Jul 02 2017	12" 17mmT4	LOOKED PRETTY GOOD	
May 14 2017	12" 11mmT6	GREAT	
May 30 2016	12" 8mm Ds	B,L,R=E. OUTSTANDING	
May 30 2016	12" 8mm Et	ALWAYS GREAT	
Aug 21 2015	12" 17mmT4		
Jul 15 2015	12" 17mmT4		
Oct 24 2012	8" 11mmT6	VERY NICE - EVEN IN 8"	
Mar 16 2012	18" 17mmAT	2012 M.M.	
Mar 01 2011	12" 17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12" 26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16" 26mm	MESSIER MARATHON - 2009	
Sep 07 2006	1.9" 12x50	DIFF,MB,L,R=G	
Mar 27 2006	8" 19mmW	B,L,R,R=G,DENSE,RESOLVE OUTER STARS	
Apr 08 2005	8" 11mmT6	VB,VL,ROUND,R=E!!!	
Oct 31 2004	1.9" 12x50	BEST GLOBULAR YET, R=VG	
Aug 14 2004	8" 11mmT6	CAN SEPARATE THE FRONT STARS	
Jun 19 2004	31" 17mmT4	***** AWESOME *****	
May 22 2004	8" 25mmPL	DECENT NIGHT - MEGASTAR CONTROL	
Mar 19 2004	8" 25mmPL	2004 MESSIER MARATHON - ARGO NAVIS	
Nov 08 2003	8" 25mmPL	FIRST OBJECT @ WARREN RUPP OBSV.	
<b>NGC 6218</b>	<b>Oph M12</b>	<b>Globular GCL,VB,VL,IR,GMBM</b>	<b>M 12</b>
Jul 02 2017	12" 17mmT4	NOT AS BRIGHT AS M 10.	
Jul 15 2015	12" 17mmT4		
May 23 2012	18" 17mmAT	GLOBULAR CLUSTER EYE CANDY	
Mar 16 2012	18" 17mmAT	2012 M.M.	

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<b>NGC 6218</b>	<b>Oph M12</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,GMBM</b>	<b>M 12</b>
Mar 01 2011 12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
Mar 08 2010 12"	11mmT6	M.M. 2010	MANUAL SETTING CIRCLES	
Mar 20 2009 16"	26mm	MESSIER	MARATHON - 2009	
Aug 12 2006 1.9"	12x50	PF,S,R,R=F		
Mar 27 2006 8"	19mmW	B,L,R=G,	LOOSELY PACKED	
May 04 2005 8"	11mmT6	MB,ML,R=E		
May 16 2004 10"	28mm	CLEAR -	MEGASTAR CONTROL	
<b>NGC 6229</b>	<b>Her</b>	<b>H50-4</b>	<b>Globular</b>	<b>GCL,VB,L,R,DISC,R</b>
Jun 17 2016 12"	8mm Ds	COULD NOT	RESOLVE	
May 30 2016 12"	8mm Ds	B,S,R=G.	NICE SPOT.	
Oct 24 2012 8"	11mmT6	PF,PS,R=F,	THIS WAS THE FAINTEST OF THE FOUR FOR THE NIGHT.	
Jun 19 2004 8"	25mmPL	GOOD NIGHT -	MEGASTAR	
<b>NGC 6235</b>	<b>Oph</b>	<b>H584-2</b>	<b>Globular</b>	<b>PB,CL,IR,RRR,*14..16</b>
Jul 15 2006 8"	19mmW	CF,PS,R-F,	LITTLE BRIGHTER, DIM STARS	
Jul 08 2004 8"	25mmPL	VERY CLEAR	NIGHT - LEFT AT 1:00AM	
<b>NGC 6254</b>	<b>Oph M10</b>	<b>Globular</b>	<b>GCL,B,VL,R,GVMBM,RRR</b>	<b>M 10</b>
Jul 02 2017 12"	17mmT4	NOT TOO	BAD.	
Aug 21 2015 12"	17mmT4			
Jul 15 2015 12"	17mmT4			
May 23 2012 18"	17mmAT	GLOBULAR	CLUSTER EYE CANDY	
Mar 16 2012 18"	17mmAT	2012	M.M.	
Mar 01 2011 12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
Mar 08 2010 12"	11mmT6	M.M. 2010	MANUAL SETTING CIRCLES	
Mar 20 2009 16"	26mm	MESSIER	MARATHON - 2009	
Aug 12 2006 1.9"	12x50	PF,S,R,R=F		
Jul 16 2006 8"	19mmW	PB,PL,R=G,	OUTER STARS RESOLVED.	
Mar 27 2006 8"	19mmW	B,L,R=G,	LOOSELY PACKED	
May 16 2004 10"	28mm	CLEAR -	MEGASTAR CONTROL	
<b>NGC 6256</b>	<b>Sco</b>	<b>Globular</b>	<b>GCL,VF,VL,IR,VGBM</b>	
Jul 01 2016 12"	7mm TV	V,S,R=F		
Aug 20 2006 8"	7.5mmW	VF,VS,AV,R=F		
<b>NGC 6266</b>	<b>Oph M62</b>	<b>Globular</b>	<b>GCL,VB,L,GMBM,RRR,</b>	<b>M 62</b>
Mar 16 2012 18"	17mmAT	2012	M.M.	
Mar 01 2011 12"	17mmAT	M.M. 2011 -	MANUAL SETTING CIRCLES	
Mar 08 2010 12"	26mm	M.M. 2010	MANUAL SETTING CIRCLES	
Mar 20 2009 16"	26mm	MESSIER	MARATHON - 2009	
Aug 16 2006 1.9"	12x50	B,S,R=F		
Mar 27 2006 8"	19mmW	B,S,R=G,	TIGHT GROUP	
Aug 14 2004 8"	11mmT6			
May 16 2004 10"	28mm	CLEAR -	MEGASTAR CONTROL	
<b>NGC 6273</b>	<b>Oph M19</b>	<b>Globular</b>	<b>GCL,VB,L,R,VCM,RRR</b>	<b>M 19</b>
Jul 02 2017 12"	17mmT4	SMUDGE.	CANNOT RESOLVE ANY STARS	
May 30 2016 12"	8mm Ds	F,S,R=F.	LOW ON HORIZON	

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NGC 6273	Oph M19	Globular	GCL,VB,L,R,VCM,RRR	M 19
Mar 16 2012	18" 17mmAT	2012 M.M.		
Mar 01 2011	12" 17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12" 11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009	16" 26mm	MESSIER MARATHON - 2009		
Aug 16 2006	1.9" 12x50	F,S,R=F		
Mar 27 2006	8" 19mmW	B,S,R=G, TIGHT GROUP		
May 16 2004	10" 28mm	CLEAR - MEGASTAR CONTROL		

NGC 6284	Oph	H11-6	Globular	GCL,B,L,R,CM,ST16...
Jul 02 2017	12" 17mmT4	PF,PS,R=F.	SMUDGE	
May 30 2016	12" 8mm Ds	VF,PS,R=F		
Jul 15 2006	8" 19mmW	PF,PS,R=F		
Jun 14 2004	8" 25mmPL	SPOTTY CLOUDS - MEGASTAR CONTROL		

NGC 6287	Oph	H195-2	Globular	GCL,CB,L,R,GPMCM,RRR
May 30 2016	12" 8mm Ds	VF,PS,R=F		
Jul 15 2015	12" 8mm Ds			
Jul 15 2006	8" 19mmW	CF,PS,R=F, DIM SMUDGE, NO STARS		
Jul 08 2004	8" 25mmPL	VERY CLEAR NIGHT - LEFT AT 1:00AM		

NGC 6293	Oph	H12-6	Globular	GCL,VB,L,R,PSBM,ST16
Jul 01 2016	12" 7mm TV	F,S,R=F,RESOLVE OUTER STARS		
Jul 15 2015	12" 8mm Ds			
Jul 15 2006	8" 19mmW	PF,PS,R=F,FAINT STARS		
Jun 23 2004	8" 25mmPL	QUARTER MOON, LEFT @1:30AM.		

NGC 6304	Oph	H147-1	Globular	GCL,B,CL,R,LBM,RRR
Jul 01 2016	12" 7mm TV	F,S,R=F,RESOLVE OUTER STARS		
Jul 15 2006	8" 19mmW	CF,PS,R=F,TIGHT SMUDGE, NO STARS		
Jun 23 2004	8" 25mmPL	QUARTER MOON, LEFT @1:30AM.		

NGC 6316	Oph	H45-1	Globular	GCL,CB,PS,R,GVMBM
Jul 01 2016	12" 7mm TV	F,PS,R=F		
Jul 15 2006	8" 19mmW	F,PS,R=F,LOOSE SMUDGE, NO STARS		
Jun 23 2004	8" 25mmPL	QUARTER MOON, LEFT @1:30AM.		

NGC 6325	Oph	Globular	PF,L,R,RR
Jul 01 2016	12" 7mm TV	VF,PS,R=F	
May 19 2010	12" 9mm	VF,VS,AV,R=F, FAINT SMUDGE, NO STARTS TO RESOLVE.	
Jul 31 2005	8" 7.5mmW	VF,VS,R,LOWSB,AV,R=F	

NGC 6333	Oph M9	Globular	GCL,B,L,R,ECM,RRR,	M 9
Jul 01 2016	12" 7mm TV	F,S,R=G,RESOLVED OUTER STARS		
Jul 15 2015	12" 17mmT4			
Mar 16 2012	18" 17mmAT	2012 M.M.		
Jul 04 2011	12" 11mmT6	FINE OBJECT		
Mar 01 2011	12" 17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12" 26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009	16" 26mm	MESSIER MARATHON - 2009		

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**NGC 6333 Oph M9 Globular GCL,B,L,R,ECM,RRR, M 9**  
 Aug 16 2006 1.9" 12x50 PF,PS,R=F  
 Mar 27 2006 8" 19mmW F,VL,R,R=F,  
 Jun 14 2004 8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

**NGC 6341 Her M92 Globular GCL,VB,VL,ECM,ST S M 92**  
 Jul 02 2017 12" 17mmT4 GOOD  
 May 14 2017 12" 11mmT6 RESOLVED STARS  
 May 30 2016 12" 8mm Ds B,L,R=E. OUTSTANDING. NOT AS LARGE AS M13 THOUGH.  
 Aug 21 2015 12" 8mm Ds  
 Oct 24 2012 8" 11mmT6 STILL NICE.  
 Mar 16 2012 18" 17mmAT 2012 M.M.  
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES  
 Mar 08 2010 12" 26mm M.M. 2010 MANUAL SETTING CIRCLES  
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009  
 Sep 07 2006 1.9" 12x50 DIFF,PF,PS,R=F  
 Mar 27 2006 8" 19mmW B,L,R,R=G,DENSE,RESOLVE OUTER STARS  
 Oct 31 2004 1.9" 12x50 R=G  
 Aug 14 2004 8" 11mmT6  
 Mar 19 2004 8" 25mmPL 2004 MESSIER MARATHON - ARGO NAVIS

**NGC 6342 Oph H149-1 Globular CB,PS,LE,ER**  
 Jul 01 2016 12" 7mm TV PF,PS,R=F  
 Jul 15 2006 8" 19mmW VF,PS,R=F, DIM, UNRESOLVED.  
 Jun 23 2004 8" 25mmPL QUARTER MOON, LEFT @1:30AM.

**NGC 6355 Oph H46-1 Globular CF,L,R,GBM,RRR**  
 Jul 23 2016 12" 8mm Et PF,PS,R=F. DID NOT RESOLVE.  
 Jul 15 2006 8" 19mmW EF,S,AV,R=F  
 Jun 23 2004 8" 25mmPL QUARTER MOON, LEFT @1:30AM.

**NGC 6356 Oph H48-1 Globular GCL,VB,CL,VGVMBM,RRR**  
 Jul 23 2016 12" 8mm Et F,S,R=F. DID NOT RESOLVE  
 Jul 21 2007 1.9" 12x50 PF,S,PATCH,R=F  
 Jul 15 2006 8" 19mmW PB,PS,R=G, DIM STARS  
 Jun 23 2004 8" 25mmPL QUARTER MOON, LEFT @1:30AM.

**NGC 6366 Oph Globular F,L,VLBM**  
 Jul 23 2016 12" 8mm Et VF,L,R=P. DID NOT RESOLVE.  
 Jul 21 2007 1.9" 12x50 PF,PS,AV,R=F  
 Aug 16 2006 1.9" 12x50 PF,PS,R=F  
 Jul 15 2006 8" 19mmW EF,PS,AV,R=F  
 Jul 08 2004 8" 25mmPL VERY CLEAR NIGHT - LEFT AT 1:00AM

**NGC 6380 Sco Globular EF,PS,LE,\*9ATT**  
 Aug 20 2006 8" 7.5mmW VF,VS,R=F

**NGC 6401 Oph H44-1 Globular PB,PL,R,\*12F INV**  
 Jul 15 2006 8" 19mmW EF,CS,R=F,VERY DIM SMUDGE  
 Jun 19 2004 8" 25mmPL GOOD NIGHT - MEGASTAR

# Globular Cluster Observations

**NGC 6402 Oph M14 Globular GCL,B,VL,R,ERI,VGMBM M 14**  
 Jul 15 2015 12" 17mmT4  
 Mar 16 2012 18" 17mmAT 2012 M.M.  
 Mar 01 2011 12" 17mmAT M.M. 2011 - MANUAL SETTING CIRCLES  
 Mar 08 2010 12" 11mmT6 M.M. 2010 MANUAL SETTING CIRCLES  
 Mar 20 2009 16" 26mm MESSIER MARATHON - 2009  
 Aug 16 2006 1.9" 12x50 PF,PS,RF,BRIGHTER THAN 6366  
 Mar 27 2006 8" 19mmW F,L,R=F,TIGHT SMUDGE  
 Jun 14 2004 8" 25mmPL SPOTTY CLOUDS - MEGASTAR CONTROL

**NGC 6426 Oph H587-2 Globular VF,CL,E,VLBM**  
 Sep 19 2014 12" 17mmAT 5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14  
 Jul 09 2005 8" 11mmT6 VF,VS,R=F

**NGC 6440 Sgr H150-1 Globular PB,PL,R,BM**  
 Jul 13 2007 8" 11mmT6 PF,CS,ALMOST RESOLVE STARS,R=G  
 Jul 15 2006 8" 19mmW CF,CS,R=F  
 Jun 19 2004 8" 25mmPL GOOD NIGHT - MEGASTAR

**NGC 6441 Sco Globular GCL,VB,PL,R,VGMBM,**  
 Jul 15 2006 8" 19mmW PB,CS,R=G,TIGHT GROUP, UNRESOLVABLE  
 Jun 23 2004 8" 25mmPL QUARTER MOON, LEFT @1:30AM.

**NGC 6453 Sco Globular CL,IR,PMBM,R**  
 Jul 03 2005 8" 11mmT6 VF,VS,R,R=F

**NGC 6517 Oph H199-2 Globular PB,PL,R,RR**  
 Jul 09 2005 8" 11mmT6 MF,ML,R=F  
 Jul 03 2005 8" 11mmT6 VF,VS,AV,R=F

**NGC 6522 Sgr H49-1 Globular GCL,B,PL,R,GVMBM,RRR**  
 Jul 05 2016 12" 8mm Et F,S,R=G, SAME FIELD AS NGC-6528  
 Jul 15 2006 8" 19mmW PB,S,R=F  
 Jun 19 2004 8" 25mmPL GOOD NIGHT - MEGASTAR

**NGC 6528 Sgr H200-2 Globular GCL,PF,CS,R,GBM,RRR**  
 Jul 05 2016 12" 8mm Et PF,PS,R=G, SAME FIELD AS NGC-6522  
 Jul 15 2006 8" 19mmW CF,CS,R=G  
 Jun 19 2004 8" 25mmPL GOOD NIGHT - MEGASTAR

**NGC 6535 Ser Globular PF,VS,VSNEB\*P**  
 Jul 09 2005 8" 11mmT6 MF,ML,R=G

**NGC 6539 Ser Globular NO DESCRIPT**  
 Jul 09 2005 8" 11mmT6 VF,ML,R=F

**NGC 6540 Sgr H198-2 Globular PF,S,IE,ER OR CL**  
 Jul 05 2016 12" 8mm Et F,PS,R=F, ALMOST LOST IN HEAVY STAR FIELD  
 Jul 13 2007 8" 7.5mmW VF,VS,PATCHY,R=F  
 Jul 09 2005 8" 11mmT6 R=F. LOOSE GROUP, FEWER STARS



# Globular Cluster Observations

<b>NGC 6544</b>	<b>Sgr</b>	<b>H197-2</b>	<b>Globular</b>	<b>CF,PL,IR,R</b>	
Jul 05 2016	12"	8mm Et	PF,S,R=F		
Jul 15 2006	8"	19mmW	PF,CS,R=F,SMUDGE, NO STARS		
Aug 14 2004	8"	11mmT6			
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6553</b>	<b>Sgr</b>	<b>H12-4</b>	<b>Globular</b>	<b>GCL,F,L,LE,VGLBM,RR</b>	
Jul 05 2016	12"	8mm Et	PF,S,R=G		
Jul 15 2006	8"	19mmW	PF,PS,R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6558</b>	<b>Sgr</b>		<b>Globular</b>	<b>GCL,PB,PL,R,GLBM,RRR</b>	
Jul 05 2016	12"	8mm Et	PF,PS,R=F,CAN' RESOLVE STARS		
Jul 08 2004	8"	25mmPL	VERY CLEAR NIGHT - LEFT AT 1:00AM		
<b>NGC 6569</b>	<b>Sgr</b>	<b>H201-2</b>	<b>Globular</b>	<b>GCL,CB,L,R,RRR,*15..</b>	
Jul 05 2016	12"	8mm Et	F,S,R=F,CAN'T RESOLVE STARS		
Jul 15 2006	8"	19mmW	F,CS,R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6624</b>	<b>Sgr</b>	<b>H50-1</b>	<b>Globular</b>	<b>GCL,VB,PL,R,RRR,ST16</b>	
Jul 05 2016	12"	8mm Et	F,PS,R=G,VERY NICE.		
Jul 16 2006	8"	19mmW	PF,PS,R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6626</b>	<b>Sgr</b>	<b>M28</b>	<b>Globular</b>	<b>GCL,VB,L,R,GECM,RRR</b>	<b>M 28</b>
Jul 05 2016	12"	8mm Et	F,S,R=G		
Mar 16 2012	18"	17mmAT	2012 M.M.		
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009		
Aug 16 2006	1.9"	12x50	B,S,R=F		
Mar 27 2006	8"	19mmW	F,FS,R,R=G, TIGHT GROUP		
Jun 14 2004	8"	25mmPL	SPOTTY CLOUDS - MEGASTAR CONTROL		
<b>NGC 6637</b>	<b>Sgr</b>	<b>M69</b>	<b>Globular</b>	<b>GCL,B,L,R,RRR,*14.16</b>	<b>M 69</b>
Jul 05 2016	12"	8mm Et	EXCELLENT		
Mar 16 2012	18"	17mmAT	2012 M.M.		
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Aug 13 2007	31"	31mmT5	PB,PS,MORE STARS, CONDENSED,R=E		
Aug 20 2006	1.9"	12x50	F,S,R=F		
Mar 27 2006	8"	19mmW	F,S,R=F,TIGHT GROUP		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6638</b>	<b>Sgr</b>	<b>H51-1</b>	<b>Globular</b>	<b>GCL,B,S,R,RR</b>	
Jul 05 2016	12"	8mm Et	F,PS,R=F		
Jul 16 2006	8"	19mmW	CF,PS,R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		

# Globular Cluster Observations

<b>NGC 6642</b>	<b>Sgr</b>	<b>H205-2</b>	<b>Globular</b>	<b>GCL,PB,PL,IR,GPMBM</b>	
Jul 05 2016	12"	8mm Et	PF,PS,R=F		
Jul 16 2006	8"	19mmW	F,CS,R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6652</b>	<b>Sgr</b>		<b>Globular</b>	<b>B,S,LE,RRR,ST15</b>	
Jul 05 2016	12"	8mm Et	NOTT BAD FOR NON-MESSIER GLOBULAR		
Jul 16 2006	8"	19mmW	CF,CS,R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6656</b>	<b>Sgr M22</b>		<b>Globular</b>	<b>GCL,VB,VL,R,VRI,VMC</b>	<b>M 22</b>
Jul 05 2016	12"	8mm Et	F,L,R=E!		
Jul 01 2016	12"	8mm Et	PB,PL,R=E!!		
Mar 16 2012	18"	17mmAT	2012 M.M.		
Jul 04 2011	12"	11mmT6	FINE OBJECT		
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009		
Aug 12 2006	1.9"	12x50	PB,PL,R,R=F		
Mar 27 2006	8"	19mmW	B,PL,R=G, RESOLVE OUTER STARS		
Jun 14 2004	8"	25mmPL	SPOTTY CLOUDS - MEGASTAR CONTROL		
<b>NGC 6681</b>	<b>Sgr M70</b>		<b>Globular</b>	<b>GCL,B,PL,R,GBM,</b>	<b>M 70</b>
Jul 05 2016	12"	8mm Et	VERY GOOD		
Mar 16 2012	18"	17mmAT	2012 M.M.		
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES		
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Aug 20 2006	1.9"	12x50	PF,S,R=F		
Mar 27 2006	8"	19mmW	PF,PS,R=F,TIGHT GROUP		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6712</b>	<b>Sct</b>	<b>H47-1</b>	<b>Globular</b>	<b>GCL,PB,VL,IRR,RRR</b>	
Aug 13 2007	31"	31mmT5	PB,PS,R=G, RESOLVE OUTER STARS		
Jul 21 2007	1.9"	12x50	F,PS,R=F		
Jul 15 2006	8"	19mmW	PB,PS,R=G		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6715</b>	<b>Sgr M54</b>		<b>Globular</b>	<b>GCL,VB,L,R,G,SMBM,</b>	<b>M 54</b>
Jul 05 2016	12"	8mm Et	SMALL AND TIGHT,R=G		
Mar 16 2012	18"	17mmAT	2012 M.M.		
Aug 16 2006	1.9"	12x50	PF,PS,R=F		
Mar 27 2006	8"	19mmW	PF,PS,R=F,TIGHT GROUP		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 6717</b>	<b>Sgr</b>	<b>H143-3</b>	<b>Globular</b>	<b>F,S,RR,CL+NEB</b>	
Jun 19 2004	8"	7.5mmW	GOOD NIGHT - MEGASTAR		
<b>NGC 6723</b>	<b>Sgr</b>		<b>Globular</b>	<b>GCL,VL,VLE,VGBM,RRR</b>	
Jul 16 2006	8"	19mmW	CF,PS,R=F		
Jul 08 2004	8"	25mmPL	VERY CLEAR NIGHT - LEFT AT 1:00AM		

# Globular Cluster Observations

<b>NGC 6749</b>	<b>Aql</b>	<b>Globular</b>	<b>CL,L,LC,ST L\$S</b>	
Jul 25 2017	12"	11mmT6	PF,PS,R=F.	COULD NOT RESOLVE ANY STARS.
Jul 03 2005	8"	11mmT6	VF,VS,AV,R=F	
<b>NGC 6760</b>	<b>Aql</b>	<b>Globular</b>	<b>2 19 08.6+0057</b>	
Jul 25 2017	12"	11mmT6	VF,VS,R=F	
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON	
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR	
<b>NGC 6779</b>	<b>Lyr M56</b>	<b>Globular</b>	<b>GCL,B,L,IR,GVMCM,RRR</b>	<b>M 56</b>
Jul 19 2017	12"	11mmT6	F,S,R=G	
Jun 17 2016	12"	8mm Ds	VERY NICE	
Oct 24 2012	8"	11mmT6	STILL NICE. LIKE THOSE GLOBS.	
Mar 16 2012	18"	17mmAT	2012 M.M.	
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009	
Jun 30 2008	16"	17mmT4	PB,PL,R=G	
Oct 08 2006	1.9"	12x50	F,S,R=F	
Mar 27 2006	8"	19mmW	F,PS,R,R=F, LOOSELY PACKED	
Dec 26 2003	8"	25mmPL	Q/M COLD	
<b>NGC 6809</b>	<b>Sgr M55</b>	<b>Globular</b>	<b>GCL,PB,L,R,VRI,VGBM</b>	<b>M 55</b>
Mar 16 2012	18"	17mmAT	2012 M.M.	
Aug 16 2006	1.9"	12x50	PF,L,R=F	
Mar 27 2006	8"	19mmW	VF,L,R=F	
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR	
<b>NGC 6838</b>	<b>Sge M71</b>	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>	<b>M 71</b>
Jul 19 2017	12"	11mmT6	F,S,R=G.	LOOKED BETTER THAN M56
Sep 02 2016	12"	8mm Et	NOT BAD.	HAVEN'T LOOKED AT THIS ONE IN A WHILE.
Oct 21 2012	8"	11mmT6	F,S,R=G,	ANOTHER SURPRISE UNDER THE STREETLIGHTS
Mar 16 2012	18"	17mmAT	2012 M.M.	
Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES	
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009	
Sep 01 2008	31"	17mmT4	PB,PS,USB,R=G,	NICE GLOBULA
Aug 20 2006	1.9"	12x50	F,L,R=F	
Mar 27 2006	8"	19mmW	DIFF,F,L,R=F, LOOSELY PACKED	
Jul 16 2004	8"	25mmPL	CLEAR - SEEING NOT TOO BAD	
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR	
<b>NGC 6864</b>	<b>Sgr M75</b>	<b>Globular</b>	<b>GCL,B,PL,R,VMBMBN,RR</b>	<b>M 75</b>
Mar 16 2012	18"	17mmAT	2012 M.M.	
Mar 08 2010	12"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES	
Aug 16 2006	1.9"	12x50	PF,S,R=F	
Jul 16 2006	8"	19mmW	PF,PS,R=F	
Jul 09 2005	8"	11mmT6	PB,PL,R=G,	TIGHT GROUP
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR	

# Globular Cluster Observations

<b>NGC 6934</b>	<b>Del</b>	<b>H103-1</b>	<b>Globular</b>	<b>GCL,B,L,R,RRR,*16...</b>	
Oct 25 2009	12"	11mmT6	PB,PS,R=G.	RESOLVE OUTER STARTS ONLY	
Aug 31 2008	31"	17mmT4	PB,PS,R=G		
Oct 08 2006	1.9"	12x50	F,S,R=F,	SMALL SMUDGE.	
Aug 20 2006	1.9"	12x50	B,L,R=G		
Jul 23 2006	8"	7.5mmW	PB,CS,R,R=G		
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
<b>NGC 6981</b>	<b>Aqr</b>	<b>M72</b>	<b>Globular</b>	<b>GCL,PB,PL,R,GMCM,RRR</b>	<b>M 72</b>
Sep 13 2009	12"	32mmUW	2ND OBJECT.		
Oct 08 2006	1.9"	12x50	VF,S,R=F		
Oct 06 2004	8"	11mmT6	PB,L,R=G,	TIGHT GROUP	
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
<b>NGC 7006</b>	<b>Del</b>	<b>H52-1</b>	<b>Globular</b>	<b>B,PL,R,GBM</b>	<b>very distant globular</b>
Oct 21 2006	31"	20mmUW	FB,L,STELLAR,	RESOLVE OUTERMOST STARS.	
Jul 23 2006	8"	7.5mmW	VF,CS,R,R=F		
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
<b>NGC 7078</b>	<b>Peg</b>	<b>M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>	<b>M 15</b>
Sep 02 2016	12"	17mmT4	NICE.	1ST OBJECT FOR THE NIGHT	
Aug 07 2016	12"	8mm Et	FAINT,SMALL,R=E.	FIRST OBJECT IN PEGASUS THIS YEAR.	
Aug 21 2015	12"	17mmT4			
Aug 15 2015	12"	11mmT6			
Jul 15 2015	12"	17mmT4			
Sep 19 2014	12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING,	HOME - 8/15/14	
Jul 13 2013	18"	7mm TV	MORE EYE CANDY		
Mar 16 2012	18"	17mmAT	2012 M.M.		
Aug 31 2010	12"	17mmAT	NIGHT ENDING EYE CANDY		
Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES		
Sep 13 2009	12"	32mmUW	5TH OBJECT		
Oct 29 2008	16"	32mmUW	NICE, BRIGHT, CAN'T RESOLVE INDIVIDUAL STARS		
Oct 21 2006	31"	20mmUW	VB,VL,STELLAR,RESOLVABLE, F.L. 2,	20MM	
Aug 20 2006	1.9"	12x50	B,S,R=F		
Mar 27 2006	8"	19mmW	B,S,R=G, TIGHT GROUP		
Oct 31 2004	1.9"	12x50	R=G		
Jul 16 2004	8"	25mmPL	CLEAR - SEEING NOT TOO BAD		
Dec 28 2003	8"	25mmPL	Q/M COLD		
<b>NGC 7089</b>	<b>Aqr</b>	<b>M2</b>	<b>Globular</b>	<b>GCL,B,VL,GPMBM,RRR</b>	<b>M 2</b>
Oct 05 2016	12"	11mmT6	B,L,R=G		
Sep 02 2016	12"	8mm Et	VERY NICE. SQM-19.67		
Aug 15 2015	12"	8mm Ds	DITTO		
Aug 31 2010	12"	17mmAT	NIGHT ENDING EYE CANDY		
Oct 29 2008	16"	32mmUW	SAME,DIMMER, CAN'T RESOLVE INDIVIDUAL STARS		
Oct 21 2006	31"	20mmUW	VB,FL,STELLAR, RESOLVABLE		
Mar 27 2006	8"	19mmW	B,S,R=G, TIGHT GROUP		
Oct 31 2004	1.9"	12x50	R=F		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		

# Globular Cluster Observations

<b>NGC 7099</b>	<b>Cap M30</b>	<b>Globular</b>	<b>GCL,B,L,LE,GPMBM</b>	<b>M 30</b>
Aug 16 2006	1.9" 12x50	PF,S,R=F		
Aug 12 2005	8" 7.5mmW	B,L,R=G, RESOLVE OUTER STARS		
Jun 19 2004	8" 25mmPL	*** LAST MESSIER OBJECT ***		
<b>NGC 7492</b>	<b>Aqr</b>	<b>H558-3</b>	<b>Globular</b>	<b>EF,L,BET2D*</b>
Oct 05 2016	12" 11mmT6	F,PS,R=G		
Sep 05 2007	8" 11mmT6	VF,VS,AV,R=F		
<b>PAL 1</b>	<b>Cep</b>	<b>Globular</b>		<b>Palomar 1</b>
Sep 19 2014	18" 8mm Ds	VF,VS,AVII,R=F,, WRO - 9/19/14		
Sep 14 2012	18" 7mm TV	VF,PS,R=F,FAINT SMUDGE OF A GLOBULAR		
<b>PAL 4</b>	<b>UMa</b>	<b>Globular</b>		<b>Palomar 4</b>
Apr 06 2010	12" 11mmT6	VF,VS,AV,R=F,FAINT SMUDGE, 12TH MAG START TO WEST.		
<b>PAL 5</b>	<b>Ser</b>	<b>Globular</b>		<b>Palomar 5</b>
Jul 01 2016	12" 8mm Et	VF,S,R=F		
Jun 09 2007	8" 7.5mmW	VF,VS,AV,R=F		
Jun 04 2005	31" 17mmT4	VF,VS,R,AV,R=F		
<b>PAL 6</b>	<b>Oph</b>	<b>Globular</b>		<b>Palomar 6</b>
Jul 13 2007	8" 7.5mmW	VF,VS,R,PATCHY,AV,R=F		
<b>PAL 8</b>	<b>Sgr</b>	<b>Globular</b>		<b>Palomar 8</b>
Jul 09 2005	8" 11mmT6	VF,ML,R,R=F		
<b>PAL 10</b>	<b>Sge</b>	<b>Globular</b>		<b>Palomar 10</b>
May 21 2009	16" 11mmT6	VF,PS,AV,R=F UNRESOLVED.		
<b>PAL 11</b>	<b>Aql</b>	<b>Globular</b>		<b>Palomar 11</b>
Jul 31 2005	8" 11mmT6	DIFF, VF,ML,R,LOWSB,R=F		
<b>PAL 13</b>	<b>Peg</b>	<b>Globular</b>		<b>Palomar 13</b>
Nov 02 2005	31" 19mmW	PF,PS,PATCHY,R=F, CAN'T RESOLVE STARS		
<b>PAL 14</b>	<b>Her</b>	<b>Globular</b>		<b>Palomar 14</b>
May 21 2009	16" 11mmT6	CF,PS,R=F, UNRESOLVED,STAR IN FRONT.		
<b>PAL 15</b>	<b>LMi</b>	<b>Globular</b>		<b>Palomar 15</b>
May 21 2009	16" 11mmT6	VF,PS,AV,R=F UNRESOLVED.		
<b>TER 2</b>	<b>Sco</b>	<b>Globular</b>		<b>Terzan 2</b>
Oct 29 2006	8" 19mmW	PF,PS,LOOSE,R=F		
<b>TER 3</b>	<b>Sco</b>	<b>Globular</b>		<b>Terzan 3</b>
Nov 26 2006	1.9" 12x50	B,PL,LOOSE,RESOLVESTARS,R=G		
Nov 09 2006	8" 19mmW	12+,FAINT,R=F		

# Globular Cluster Observations

<b>TER 8</b>	<b>Sgr</b>	<b>Globular</b>	<b>Terzan 8</b>
Jul 31 2005 8"	11mmT6	VF,VS,R,LOWSB,R=F	

<b>TER 9</b>	<b>Sgr</b>	<b>Globular</b>	<b>Terzan 9</b>
Aug 06 2010 28"	26mm	PF,PS,SMUDGE, NO STARS RESOLVED	