

# 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>	
Apr 20 2018	12" 11mmT6		
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	

# Globular Cluster Observations

**NGC 5024 Com M53 Globular GCL,B,VC,IR,VVMBM, M 53**

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 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**

Apr 20 2018	12"	11mmT6	
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
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**NGC 5824 Lup Globular PB,S,STELL,N**

Jul 01 2016	12"	8mm Et	B,S,R=G, CANNOT RESOLVE STARS
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# Globular Cluster Observations

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

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**NGC 6121**      **Sco M4**                      **Globular CL,8OR1OB\*LINE,RRR**                      **M 4**  
 May 22 2004 8"      25mmPL      DECENT NIGHT - MEGASTAR CONTROL  
 May 16 2004 10"      28mm      CLEAR - MEGASTAR CONTROL

**NGC 6139**      **Sco**                                      **Globular B,PL,R,PSBM,RR**  
 Jul 01 2016 12"      8mm Et      F,S,R=P, LOW ON HORIZON.  
 Jul 03 2005 8"      11mmT6      VF,VS,R,R=F

**NGC 6144**      **Sco**                      **H10-6**      **Globular CL,CL,MC,GBM,RRR**  
 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

**NGC 6171**      **Oph M107**      **H40-6**      **Globular GCL,L,VRI,VMC,R,RRR**                      **M 107**  
 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

**NGC 6205**      **Her M13**                                      **Globular GCL,EB,VRI,VGECM,\*11**                      **M 13 Great Cluster in Hercules**  
 Apr 20 2018 12"      11mmT6  
 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.

**NGC 6218**      **Oph M12**                                      **Globular GCL,VB,VL,IR,GMBM**                      **M 12**  
 Jul 08 2018 12"      17mmT4      B,S,R=E  
 Jul 02 2017 12"      17mmT4      NOT AS BRIGHT AS M 10.

# Globular Cluster Observations

<b>NGC 6218</b>	<b>Oph M12</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,GMBM</b>	<b>M 12</b>
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		
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 08 2018	12" 17mmT4	B,S,R=E		
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		

# Globular Cluster Observations

NGC 6273	Oph	M19	Globular	GCL,VB,L,R,VCM,RRR	M 19
Jul 08 2018	12"	17mmT4	B,S,R=E		
Jul 02 2017	12"	17mmT4	SMUDGE.	CANNOT RESOLVE ANY STARS	
May 30 2016	12"	8mm Ds	F,S,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	
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 STARS 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 08 2018	12"	17mmT4	B,L,MR=E		
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.		

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**NGC 6333**      **Oph M9**                      **Globular**    **GCL,B,L,R,ECM,RRR,**                      **M 9**

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  
 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**

Apr 20 2018 12" 11mmT6  
 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**

# Globular Cluster Observations

<b>NGC 6380</b>	<b>Sco</b>	<b>Globular</b>	<b>EF,PS,LE,*9ATT</b>
Aug 20 2006 8"	7.5mmW	VF,VS,R=F	
<b>NGC 6401</b>	<b>Oph</b>	<b>H44-1</b>	<b>Globular PB,PL,R,*12F INV</b>
Jul 15 2006 8"	19mmW	EF,CS,R=F,VERY DIM	SMUDGE
Jun 19 2004 8"	25mmPL	GOOD NIGHT - MEGASTAR	
<b>NGC 6402</b>	<b>Oph M14</b>	<b>Globular</b>	<b>GCL,B,VL,R,ERI,VGMBM M 14</b>
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	
<b>NGC 6426</b>	<b>Oph</b>	<b>H587-2</b>	<b>Globular VF,CL,E,VLBM</b>
Sep 19 2014 12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14	
Jul 09 2005 8"	11mmT6	VF,VS,R=F	
<b>NGC 6440</b>	<b>Sgr</b>	<b>H150-1</b>	<b>Globular PB,PL,R,BM</b>
Jul 08 2018 12"	17mmT4	CAN'T RESOLVE STARTS. SAME FOV AS NGC-6445	
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	
<b>NGC 6441</b>	<b>Sco</b>	<b>Globular</b>	<b>GCL,VB,PL,R,VGMBM,</b>
Jul 15 2006 8"	19mmW	PB,CS,R=G,TIGHT GROUP, UNRESOLVABLE	
Jun 23 2004 8"	25mmPL	QUARTER MOON, LEFT @1:30AM.	
<b>NGC 6453</b>	<b>Sco</b>	<b>Globular</b>	<b>CL,IR,PMBM,R</b>
Jul 03 2005 8"	11mmT6	VF,VS,R,R=F	
<b>NGC 6517</b>	<b>Oph</b>	<b>H199-2</b>	<b>Globular PB,PL,R,RR</b>
Jul 09 2005 8"	11mmT6	MF,ML,R=F	
Jul 03 2005 8"	11mmT6	VF,VS,AV,R=F	
<b>NGC 6522</b>	<b>Sgr</b>	<b>H49-1</b>	<b>Globular GCL,B,PL,R,GVMBM,RRR</b>
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	
<b>NGC 6528</b>	<b>Sgr</b>	<b>H200-2</b>	<b>Globular GCL,PF,CS,R,GBM,RRR</b>
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	
<b>NGC 6535</b>	<b>Ser</b>	<b>Globular</b>	<b>PF,VS,VSNEB*P</b>
Jul 09 2005 8"	11mmT6	MF,ML,R=G	



# Globular Cluster Observations

<b>NGC 6539</b>	<b>Sgr</b>		<b>Globular</b>	<b>NO DESCRIPT</b>	
Jul 09 2005	8"	11mmT6	VF,ML,R=F		
<b>NGC 6540</b>	<b>Sgr</b>	<b>H198-2</b>	<b>Globular</b>	<b>PF,S,IE,ER OR CL</b>	
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		
<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		

# Globular Cluster Observations

<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>
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		
<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</b>	<b>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</b>	<b>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</b>	<b>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		

# Globular Cluster Observations

<b>NGC 6715</b>	<b>Sgr M54</b>	<b>Globular GCL,VB,L,R,G,SMBM,</b>	<b>M 54</b>
Jun 19 2004	8" 25mmPL	GOOD NIGHT - MEGASTAR	
<b>NGC 6717</b>	<b>Sgr H143-3</b>	<b>Globular F,S,RR,CL+NEB</b>	
Jun 19 2004	8" 7.5mmW	GOOD NIGHT - MEGASTAR	
<b>NGC 6723</b>	<b>Sgr</b>	<b>Globular 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	
<b>NGC 6749</b>	<b>Aql</b>	<b>Globular CL,L,LC,ST L\$\$</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 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 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 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 CL,VL,VRI,PMC,*11.16</b>	<b>M 71</b>
Jul 08 2018	12" 17mmT4	B,S,R=G	
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	

# Globular Cluster Observations

<b>NGC 6838</b>	<b>Sge M71</b>	<b>Globular</b>	<b>CL,VL,VRI,PMC,*11.16</b>	<b>M 71</b>
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		
<b>NGC 6934</b>	<b>Del 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 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 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 M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>	<b>M 15</b>
Jul 08 2018	12" 17mmT4	PB,L,R=E		
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		

# Globular Cluster Observations

<b>NGC 7078</b>	<b>Peg M15</b>	<b>Globular</b>	<b>GCL,VB,VL,IR,VSMBM</b>	<b>M 15</b>
Dec 28 2003 8"	25mmPL	Q/M COLD		
<b>NGC 7089</b>	<b>Aqr 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		
<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 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		

# Globular Cluster Observations

<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	
<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	