

Globular Cluster Observations

BOL 119	And	Globular	NBo1 14
Aug 02 2005	8" 11mmT6	MB,ML,OVAL,MSB,R=G	
ESO 456-38	Sgr	Globular	Djorgovski 2
Jul 13 2007	8" 7.5mmW	PB,PS,RESOLVE OUTER STARS,R=G	
Jul 09 2005	8" 11mmT6	VF,VS,R=F	
HP 1	Oph	Globular	
Jul 23 2016	12" 8mm Et	VF,VS,R=P.	
Jul 13 2007	8" 7.5mmW	VF,VS,R,PATCHY,R=F	
IC 1257	Oph	Globular	
Jun 19 2020	12" 8mm Et	FAIR	
Aug 02 2019	12" 7mm TV	VF,VS,R=P	
Jul 03 2005	8" 11mmT6	VF,VS,AV,R=F	
IC 1276	Ser	Globular	
Jul 01 2019	12" 11mmT6	VF,PS,AV,R=P	
Jul 09 2005	8" 11mmT6	VF,ML,R=F	
NGC 288	Sci	H20-6 Globular	GCL,B,L,LE,*12...16
Oct 09 2007	8" 11mmT6	PB,PL,SMUDGE, RESOLVED NO STARS,R=G	
NGC 1904	Lep M79	Globular	GCL,PL,ERI,EC,RRR
Feb 21 2020	36" 17mmT4	F,L,R=G	M 79
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	
NGC 2419	Lyn	H218-1 Globular	PB,PL,LE90,VGBM,*4'F
Feb 21 2020	36" 17mmT4	B,L,R=G	
Dec 04 2004	8" 7.5mmW	OVAL,R=G	
NGC 4147	Com	H19-1 Globular	GCL,VB,PL,R,GBM,RRR
Jun 19 2020	12" 13mmHW	R=G	
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	
NGC 4590	Hya M68	Globular	GCL,L,ERI,VC,IR,ST12
Jun 19 2020	12" 13mmHW	R=G	M 68
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	

Globular Cluster Observations

NGC 4590 Hya M68 Globular GCL,L,ERI,VC,IR,ST12 M 68
 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

NGC 5024 Com M53 Globular GCL,B,VC,IR,VVMBM, M 53
 Jun 19 2020 12" 13mmHW R=E
 May 30 2016 12" 8mm Et FMSMR=G. RESOLVED OUTER STARS
 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
 Jun 19 2020 12" 13mmHW R=F
 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
 Jun 19 2020 12" 13mmHW GREAT
 May 31 2019 12" 11mmT6
 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

Globular Cluster Observations

NGC 5634 Vir H70-1 Globular GCL,VB,CL,R,GBM,RRR

Jun 19 2020 12" 13mmHW SMALL AND FAINT.R=F
 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

Jun 19 2020 12" 13mmHW B,S,R=F
 Jul 01 2016 12" 8mm Et B,S,R=G, CANNOT RESOLVE STARS

NGC 5897 Lib H19-6 Globular GCL,PF,L,VIR,VGBM,

Jun 19 2020 12" 13mmHW F,L,R=F
 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

NGC 5904 Ser M5 Globular GCL,VB,L,ECM,*11..15 M 5

Jul 13 2020 12" 13mmHW B,L,R=E
 Jun 19 2020 12" 13mmHW B,L,R=E
 Aug 02 2019 12" 7mm TV B,L,NICE AND FULL, R=E
 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

NGC 5986 Lup Globular GCL,VB,L,R,VGBM,*13.

Jun 19 2020 12" 13mmHW F,S,R=G. CAN RESOLVE STARS. -37 DEGREES LAT.
 Jul 01 2016 12" 8mm Et F,S,R=F, FAINT OUTER STARS

NGC 6093 Sco M80 Globular GCL,VB,L,VMBM(VAR*) M 80

Jun 19 2020 12" 13mmHW B,L,R=E
 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

Globular Cluster Observations

NGC 6093	Sco	M80	Globular	GCL,VB,L,VMBM(VAR*)	M 80
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		

NGC 6121	Sco	M4	Globular	CL,8OR10B*LINE,RRR	M 4
Jul 26 2020	12"	8mm Et	FIRST OBJECT OF THE NIGHT.		
Jul 17 2020	12"	8mm Et	FIRST OBJECT OF THE NIGHT.		
Jul 13 2020	12"	8mm Et	FIRST OBJECT OF THE NIGHT		
Jun 24 2020	12"	8mm Et	1ST OBJECT. EASILY RESOLVED STARTS. R=E		
Jun 19 2020	12"	13mmHW	B,L,R=E		
Jun 19 2020	12"	13mmHW	GOOD		
Aug 29 2019	12"	17mm O	FIRST OBJECT OF THE NIGHT. WAITING FOR DARKNESS.		
May 31 2019	12"	11mmT6	COULD NOT RESOLVE TOO MANY STARS		
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		
May 16 2004	10"	28mm	CLEAR - MEGASTAR CONTROL		

NGC 6139	Sco	Globular	B,PL,R,PSBM,RR
Jun 19 2020	12"	13mmHW	PF,S,R=P
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
Jun 19 2020	12"	13mmHW	F,L,R=F	
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			

Globular Cluster Observations

NGC 6171 **Oph M107** **H40-6** **Globular** **GCL,L,VRI,VMC,R,RRR** **M 107**
 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**
 Jun 19 2020 12" 13mmHW B,L,R=E
 Sep 26 2019 12" 11mmT6
 Jun 03 2019 12" 8mm Et
 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**
 May 31 2019 12" 11mmT6 NICE
 Jul 08 2018 12" 17mmT4 B,S,R=E
 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.
 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

NGC 6229 **Her** **H50-4** **Globular** **GCL,VB,L,R,DISC,R**
 Jun 19 2020 12" 13mmHW B,S,R=E
 Jun 17 2016 12" 8mm Ds COULD NOT RESOLVE
 May 30 2016 12" 8mm Ds B,S,R=G. NICE SPOT.

Globular Cluster Observations

NGC 6229 Her H50-4 Globular GCL,VB,L,R,DISC,R
 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

NGC 6235 Oph H584-2 Globular PB,CL,IR,RRR,*14..16
 Jun 19 2020 12" 8mm Et GOOD
 Aug 02 2019 12" 7mm TV PF,PS,R=F. ALMOST BLOTTED OUT BY JUPITER
 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

NGC 6254 Oph M10 Globular GCL,B,VL,R,GVMBM,RRR M 10
 May 31 2019 12" 11mmT6 NICE
 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

NGC 6256 Sco Globular GCL,VF,VL,IR,VGBM
 Jun 19 2020 12" 13mmHW F,S,R=F
 Jul 01 2016 12" 7mm TV V,S,R=F
 Aug 20 2006 8" 7.5mmW VF,VS,AV,R=F

NGC 6266 Oph M62 Globular GCL,VB,L,GMBM,RRR, M 62
 Jun 19 2020 12" 8mm Et GOOD. SQM: 20.06. TEMP: 62 DEGREES AT 0000HRS.
 Aug 02 2019 12" 7mm TV BB,S,R=E. NICE GLOBULAR
 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

NGC 6273 Oph M19 Globular GCL,VB,L,R,VCM,RRR M 19
 Jun 19 2020 12" 8mm Et GOOD
 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

Globular Cluster Observations

NGC 6273 **Oph M19** **Globular** **GCL,VB,L,R,VCM,RRR** **M 19**
 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...**
 Jun 19 2020 12" 13mmHW B,S,R=G
 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**
 Jun 19 2020 12" 13mmHW F,S,R=G
 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**
 Jun 19 2020 12" 13mmHW F,S,R=F
 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**
 Jun 19 2020 12" 13mmHW F,S,R=F
 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**
 Jun 19 2020 12" 13mmHW PF,PS,R=F
 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**
 Jun 19 2020 12" 13mmHW VF,PS,R=P
 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**
 Jun 19 2020 12" 13mmHW B,L,R=E
 Jul 08 2018 12" 17mmT4 B,L,MR=E
 Jul 01 2016 12" 7mm TV F,S,R=G,RESOLVED OUTER STARS

Globular Cluster Observations

NGC 6333	Oph M9	Globular	GCL,B,L,R,ECM,RRR,	M 9
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	
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
Jun 19 2020	12" 13mmHW	B,S,R=E		
Sep 02 2019	12" 17mm O		STARTED THE NIGHT WITH THIS.	
Jun 03 2019	12" 8mm Et			
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
Jun 19 2020	12" 8mm Et			GOOD
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
Jun 19 2020	12" 8mm Et			GOOD
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
Jun 19 2020	12" 13mmHW	B,S,R=G		
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.

Globular Cluster Observations

NGC 6366	Oph		Globular	F,L,VLBM	
Jun 19 2020	12"	8mm Et	FAIR		
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	
Jun 24 2020	12"	8mm Et	VF,PS,R=P		
Sep 02 2019	12"	11mmT6	PF,PS,AV1MR=P		
Aug 20 2006	8"	7.5mmW	VF,VS,R=F		
NGC 6388	Sco		Globular	GCL,VB,L,R,PG,PSVMBM	
Aug 02 2019	12"	7mm TV	B,PS,R=G. VERY LOW ON HORIZON. -44 DEGRESS.		
NGC 6401	Oph	H44-1	Globular	PB,PL,R,*12F INV	
Jun 19 2020	12"	13mmHW	F,L,R=G		
Jul 01 2019	12"	11mmT6	PF,S,R=F.		
Jul 15 2006	8"	19mmW	EF,CS,R=F,VERY DIM SMUDGE		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
NGC 6402	Oph M14		Globular	GCL,B,VL,R,ERI,VGMBM	M 14
Jun 19 2020	12"	13mmHW	B,L,R=G		
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	
Jun 24 2020	12"	8mm Et	PF,PS,R=F		
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		
NGC 6441	Sco		Globular	GCL,VB,PL,R,VGMBM,	
Jun 24 2020	12"	8mm Et	B,PS,R=G. -37 DEGREES		
Aug 02 2019	12"	7mm TV	B,S,R=G. ALSO VERY LOW ON HORIZON. -37 DEGREES		
Jul 15 2006	8"	19mmW	PB,CS,R=G,TIGHT GROUP, UNRESOLVABLE		
Jun 23 2004	8"	25mmPL	QUARTER MOON, LEFT @1:30AM.		

Globular Cluster Observations

NGC 6453	Sco		Globular	CL,IR,PMBM,R
Jul 13 2020	12"	8mm Et	PF,PS,R=G	
Jun 24 2020	12"	8mm Et	F,L,R=P	
Sep 02 2019	12"	11mmT6	PF,PS,R=F	
Jul 01 2019	12"	17mm O	VF,PS,R=F	
Jul 03 2005	8"	11mmT6	VF,VS,R,R=F	
NGC 6496	CrA		Globular	NEB+CL,PL,ME,GVLBM
Sep 02 2019	12"	11mmT6	PF,PS,R=G. LAT. -44 DEGREES. 4 DEGREES ABOVE THE HORIZON	
NGC 6517	Oph	H199-2	Globular	PB,PL,R,RR
Jun 24 2020	12"	8mm Et	PF,PS,R=F	
Jul 01 2019	12"	11mmT6	PF,S,R=F	
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 13 2020	12"	8mm Et	F,S,R=G. BAADE'S WINDOW	
Jun 19 2020	12"	13mmHW	NICE	
Jul 01 2019	12"	17mm O	PF,S,R=G. SAME FOV AS NGC-6528.	
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 13 2020	12"	8mm Et	PF,PS,R=G	
Jun 19 2020	12"	13mmHW	GOOD	
Jul 01 2019	12"	17mm O	PF,PS,R=G. SAME FOV AS NGC-6522	
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 01 2019	12"	11mmT6	VF,PS,AV,R=F	
Jul 09 2005	8"	11mmT6	MF,ML,R=G	
NGC 6539	Ser		Globular	NO DESCRIPT
Jul 01 2019	12"	11mmT6	PF,S,R=F. LITTLE MORE THAN A SMUDGE.	
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	
NGC 6544	Sgr	H197-2	Globular	CF,PL,IR,R
Jul 13 2020	12"	13mmHW	B,L,R=G	
Jun 19 2020	12"	13mmHW	GOOD	
Jul 01 2019	12"	17mm O	F,S,R=G	
Jul 05 2016	12"	8mm Et	PF,S,R=F	

Globular Cluster Observations

NGC 6544	Sgr	H197-2	Globular	CF,PL,IR,R	
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	
NGC 6553	Sgr	H12-4	Globular	GCL,F,L,LE,VGLBM,RR	
Jun 19 2020	12"	13mmHW	GOOD		
Jul 01 2019	12"	17mm O	F,PS,R=G.	NICE	
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	
NGC 6558	Sgr		Globular	GCL,PB,PL,R,GLBM,RRR	
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	
NGC 6569	Sgr	H201-2	Globular	GCL,CB,L,R,RRR,*15..	
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	
NGC 6624	Sgr	H50-1	Globular	GCL,VB,PL,R,RRR,ST16	
Jul 01 2019	12"	17mm O	F,PS,R=G,	BRIGHT CORE	
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	
NGC 6626	Sgr	M28	Globular	GCL,VB,L,R,GECM,RRR	M 28
Jun 19 2020	12"	13mmHW	B,L,R=E		
Jul 01 2019	12"	17mmT4	B,S,R=G		
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	
NGC 6637	Sgr	M69	Globular	GCL,B,L,R,RRR,*14.16	M 69
Jun 19 2020	12"	13mmHW	B,S,R=G		
Jul 01 2019	12"	17mm O	PF,S,R=G		
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	

Globular Cluster Observations

NGC 6638 Sgr H51-1 Globular GCL,B,S,R,RR

Jun 19 2020 12" 13mmHW F,S,R=G
 Jul 01 2019 12" 17mm O F,PS,R=G
 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

NGC 6642 Sgr H205-2 Globular GCL,PB,PL,IR,GPMBM

Jun 19 2020 12" 13mmHW F,S,R=F
 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

NGC 6652 Sgr Globular B,S,LE,RRR,ST15

Jul 13 2020 12" 13mmHW F,PS,R=G
 Jun 19 2020 12" 13mmHW PF,PS,R=F
 Jul 01 2019 12" 17mm O PF,VS,R=G
 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

NGC 6656 Sgr M22 Globular GCL,VB,VL,R,VRI,VMC M 22

Jul 13 2020 12" 13mmHW B,L,R=E
 Jun 19 2020 12" 13mmHW B,L,R=E. SQM: 20.26. 62 DEGREES, @0030 HOURS
 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

NGC 6681 Sgr M70 Globular GCL,B,PL,R,GBM, M 70

Jun 19 2020 12" 13mmHW F,S,R=G
 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

NGC 6712 Sct H47-1 Globular GCL,PB,VL,IRR,RRR

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

Globular Cluster Observations

NGC 6715 Sgr M54 Globular GCL,VB,L,R,G,SMBM, M 54
 Jun 19 2020 12" 13mmHW B,S,R=G
 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

NGC 6717 Sgr H143-3 Globular F,S,RR,CL+NEB
 Aug 02 2019 12" 17mm O AKA: PAL9. F,PS,R=G
 Jun 19 2004 8" 7.5mmW GOOD NIGHT - MEGASTAR

NGC 6723 Sgr Globular GCL,VL,VLE,VGBM,RRR
 Aug 02 2019 12" 17mm O B,S,R=G. IN THE SOUP. JUST A SMUDGE.
 Jul 16 2006 8" 19mmW CF,PS,R=F
 Jul 08 2004 8" 25mmPL VERY CLEAR NIGHT - LEFT AT 1:00AM

NGC 6749 Aql Globular CL,L,LC,ST L\$\$
 Jul 26 2020 12" 8mm Et VF,PS,R=P
 Jul 25 2017 12" 11mmT6 PF,PS,R=F. COULD NOT RESOLVE ANY STARS.
 Jul 03 2005 8" 11mmT6 VF,VS,AV,R=F

NGC 6760 Aql Globular 2 19 08.6+0057
 Jul 26 2020 12" 8mm Et F,S,R=F
 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

NGC 6779 Lyr M56 Globular GCL,B,L,IR,GVMCM,RRR M 56
 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

NGC 6809 Sgr M55 Globular GCL,PB,L,R,VRI,VGBM M 55
 Jun 19 2020 12" 13mmHW FR,L,R=F
 Aug 02 2019 12" 17mm O B,L,R=E
 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

NGC 6838 Sge M71 Globular CL,VL,VRI,PMC,*11.16 M 71

Globular Cluster Observations

NGC 6838 Sge M71 Globular CL,VL,VRI,PMC,*11.16 M 71

Jun 19 2020	12"	13mmHW	B,S,R=G
Jun 28 2019	12"	17mmT4	NICE
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
Jul 16 2004	8"	25mmPL	CLEAR - SEEING NOT TOO BAD
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR

NGC 6864 Sgr M75 Globular GCL,B,PL,R,VMBMBN,RR M 75

Jun 19 2020	12"	13mmHW	B,PS,R=F
Aug 02 2019	12"	17mm O	B,PS,R=E
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

NGC 6934 Del H103-1 Globular GCL,B,L,R,RRR,*16...

Jun 19 2020	12"	13mmHW	B,PS,R=G
Aug 29 2019	12"	11mmT6	B,S,R=G. NICE GLOB.
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

NGC 6981 Aqr M72 Globular GCL,PB,PL,R,GMCM,RRR M 72

Jun 19 2020	12"	13mmHW	PF,S,R=F
Aug 29 2019	12"	11mmT6	PF,S,R=G
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

NGC 7006 Del H52-1 Globular B,PL,R,GBM very distant globular

Jun 19 2020	12"	13mmHW	PF,PS,R=F
Aug 29 2019	12"	11mmT6	PF,S,R=G
Oct 21 2006	31"	20mmUW	FB,L,STELLAR, RESOLVE OUTERMOST STARS.
Jul 23 2006	8"	7.5mmW	VF,CS,R,R=F

Globular Cluster Observations

NGC 7006	Del	H52-1	Globular	B,PL,R,GBM	very distant globular
Jun 26 2004	8"	25mmPL	CLOUDS EARLY - GIBBOUS MOON		
NGC 7078	Peg	M15	Globular	GCL,VB,VL,IR,VSMBM	M 15
Jul 26 2020	12"	17mmT4	NV+IR685 FILTER. PRETTY GOOD.		
Jul 17 2020	12"	8mm Et	FIRST TIME THIS SUMMER. STILL A WINNER		
Aug 02 2019	12"	7mm TV	FAVORITE GLOBULAR.		
Jul 08 2019	12"	11mmT6	OUTSTANDING OBJECT. #6,000 OBSERVATION FOR ME.		
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		
Dec 28 2003	8"	25mmPL	Q/M COLD		
NGC 7089	Aqr	M2	Globular	GCL,B,VL,GPMBM,RRR	M 2
Aug 29 2019	12"	11mmT6	B,L,R=G,		
Oct 09 2018	12"	8mm Et	B,L,R=G		
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		
NGC 7099	Cap	M30	Globular	GCL,B,L,LE,GPMBM	M 30
Jul 17 2020	12"	8mm Et	FIRST TIME VEIING THIS SINCE JULY 2006.		
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 ***		
NGC 7492	Aqr	H558-3	Globular	EF,L,BET2D*	
Oct 05 2016	12"	11mmT6	F,PS,R=G		
Sep 05 2007	8"	11mmT6	VF,VS,AV,R=F		

Globular Cluster Observations

PAL 1	Cep	Globular	Palomar 1
Jul 17 2020	12" 8mm Et	VF,PS,R=P	
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	
PAL 2	Aur	Globular	Palomar 2
Feb 21 2020	36" 17mmT4	FAINT, SMALL, SMUDGE. COULD NOT RESOLVE STARS. R=G	
PAL 4	UMa	Globular	Palomar 4
Apr 06 2010	12" 11mmT6	VF,VS,AV,R=F,FAINT SMUDGE, 12TH MAG START TO WEST.	
PAL 5	Ser	Globular	Palomar 5
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	
PAL 6	Oph	Globular	Palomar 6
Sep 02 2019	12" 11mmT6	VF,PS,AV4,R=P	
Jul 13 2007	8" 7.5mmW	VF,VS,R,PATCHY,AV,R=F	
PAL 8	Sgr	Globular	Palomar 8
Aug 02 2019	12" 17mm O	PF,PS,R=P	
Jul 09 2005	8" 11mmT6	VF,ML,R,R=F	
PAL 10	Sge	Globular	Palomar 10
Sep 02 2019	12" 11mmT6	VF,VS,AV1,R=P	
May 21 2009	16" 11mmT6	VF,PS,AV,R=F UNRESOLVED.	
PAL 11	Aql	Globular	Palomar 11
Jul 26 2020	12" 8mm Et	VF,S,R=P	
Sep 02 2019	12" 11mmT6	VF,PS,AV,R=P	
Jul 31 2005	8" 11mmT6	DIFF, VF,ML,R,LOWSB,R=F	
PAL 13	Peg	Globular	Palomar 13
Nov 02 2005	31" 19mmW	PF,PS,PATCHY,R=F, CAN'T RESOLVE STARS	
PAL 14	Her	Globular	Palomar 14
May 21 2009	16" 11mmT6	CF,PS,R=F, UNRESOLVED,STAR IN FRONT.	
PAL 15	LMi	Globular	Palomar 15
May 21 2009	16" 11mmT6	VF,PS,AV,R=F UNRESOLVED.	
TER 2	Sco	Globular	Terzan 2
Oct 29 2006	8" 19mmW	PF,PS,LOOSE,R=F	
TER 3	Sco	Globular	Terzan 3
Nov 26 2006	1.9" 12x50	B,PL,LOOSE,RESOLVESTARS,R=G	
Nov 09 2006	8" 19mmW	12+,FAINT,R=F	

Globular Cluster Observations

TER 8	Sgr	Globular	Terzan 8
Jul 31 2005	8" 11mmT6	VF,VS,R,LOWSB,R=F	
TER 9	Sgr	Globular	Terzan 9
Aug 06 2010	28" 26mm	PF,PS,SMUDGE, NO STARS RESOLVED	
TON 2	Sco	Globular	
Sep 02 2019	12" 11mmT6	PF,PS,AV2,R=P	