

## Canes Venatici - The Hunting Dogs

<b>IC</b>	<b>4277</b>		<b>Galaxy</b>	
	May 14 2017 12"	11mmT6	B,PS,R,BNUC,R=G	
<b>MAC</b>	<b>1354+4015</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	MB,VS,R,FNUC,R=F	
<b>MAC</b>	<b>1354+4028</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1355+4002</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,VS,OVAL,NND,AV,R=F	
<b>MAC</b>	<b>1356+3817</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,VS,OVAL,NND,R=F	
<b>MAC</b>	<b>1356+3818</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,VS,R,NND,AV,R=F	
<b>MAC</b>	<b>1356+3818A</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,MS,EL,OVAL,NND,R=F	
<b>MAC</b>	<b>1356+3821</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	MF,MS,OVAL,NND,R=F	
<b>MAC</b>	<b>1356+3825</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,MS,R,NND,AV,R=F	
<b>MAC</b>	<b>1356+3829</b>		<b>Galaxy</b>	
	May 12 2005 31"	19mmW	VF,VS,R,NND,AV,R=F	
<b>NGC</b>	<b>4111</b>	<b>H195-1</b>	<b>Galaxy SA(r)0+:</b>	<b>sp</b>
	Apr 13 2005 8"	11mmT6	VB,ML,EON,FNUC,MSB,R=G	<b>VB,PS,ME151</b>
<b>NGC</b>	<b>4138</b>	<b>H196-1</b>	<b>Galaxy SA(r)0+</b>	
	Mar 26 2009 16"	17mmT4	PB,PS,OVAL,FNUC,R=F	<b>B,PL,E,VGBM,*NP</b>
<b>NGC</b>	<b>4143</b>	<b>H54-4</b>	<b>Galaxy SAB(s)0^</b>	
	Mar 29 2006 8"	19mmW	DIFF,F,L,OVAL,NND,R=F	<b>CB,R,VG,VSBMN</b>
<b>NGC</b>	<b>4151</b>	<b>H165-1</b>	<b>Galaxy (R')SAB(rs)ab:</b>	
	Mar 29 2006 8"	11mmT6	F,S,OVAL,NND,R=F	<b>VB,S,R,VSMBMBN,P OF2</b>
<b>NGC</b>	<b>4156</b>	<b>H642-2</b>	<b>Galaxy SB(rs)b</b>	
	Mar 29 2006 8"	11mmT6	F,PS,R,NND,R=F	<b>PF,S,E,VGBM,F OF 2</b>
<b>NGC</b>	<b>4183</b>	<b>H697-3</b>	<b>Galaxy SA(s)cd? sp</b>	
	Mar 16 2012 18"	8.8 ES	PF,S,EON,UB,NND,R=F,A.L. FLAT GALAXY	<b>VF,CL,ME170</b>

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<b>NGC 4214</b>		<b>H95-1</b>	<b>Galaxy IBm</b>	<b>CB,CL,IE,BIN</b>
Mar 29 2006 8"	11mmT6	F,PS,R,NND,R=F		
<b>NGC 4217</b>		<b>H748-2</b>	<b>Galaxy Sb sp</b>	<b>PF,L,ME45,**N,P OF 2</b>
Mar 26 2009 16"	17mmT4	VF,VS,OCAL,NND,R=F		
<b>NGC 4220</b>		<b>H209-1</b>	<b>Galaxy SA(r)0+</b>	<b>CB,PL,PME134,PSBM</b>
Mar 26 2009 16"	17mmT4	PF,PS,EL,OVAL,FNUC,USB,R=F		
<b>NGC 4244</b>		<b>H41-5</b>	<b>Galaxy SA(s)cd: sp</b>	<b>PB,VL,EE43,VGBM</b>
May 04 2005 8"	19mmW	MB,ML,EL,EON,FNUC,R=G		
<b>NGC 4248</b>		<b>H742-2</b>	<b>Galaxy I0? sp</b>	<b>VF,S,PME,PSBM</b>
Mar 26 2009 16"	17mmT4	VF,VS,OVAL,NND,AV,R=F		
<b>NGC 4258</b>	<b>M106</b>	<b>H43-5</b>	<b>Galaxy Sb</b>	<b>VB,VL,VME0,SBMBN</b>
Jul 08 2018 12"	8mm Et	B,S,OVAL,MEXT,BNUC,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"	11mmT6	M.M. 2010 MANUAL SETTING CIRCLES		
Mar 20 2009 16"	26mm	MESSIER MARATHON - 2009		
Mar 26 2006 8"	19mmW	MB,ML,OVAL,FNUC,MSB,,R=F		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Dec 26 2003 8"	25mmPL	Q/M COLD		
<b>NGC 4346</b>		<b>H210-1</b>	<b>Galaxy S0 sp</b>	<b>VF,S,ME100,VSBMBN</b>
Mar 29 2006 8"	11mmT6	F,S,EON,FNUC,R=F		
<b>NGC 4369</b>		<b>H166-1</b>	<b>Galaxy (R)SA(rs)a</b>	<b>CB,S,R,MBMN,R</b>
Mar 26 2009 16"	17mmT4	PF,PS,OVAL,USB,R=F		
<b>NGC 4389</b>		<b>H749-2</b>	<b>Galaxy SB(rs)bc pec:</b>	<b>PB,PL,IE,VGLBM</b>
Apr 06 2010 12"	11mmT6	VF,CS,OVAL,NND,AV,R=F		
<b>NGC 4395</b>		<b>H29.1-5</b>	<b>Galaxy SA(s)m:</b>	<b>EF,VL,NP OF DNEB</b>
Apr 06 2010 12"	11mmT6	DIFF,PF,PL,OVAL,UB,NND,R=F		
May 21 2009 16"	17mmT4	PF,PL,R,LSB,R=F		
<b>NGC 4449</b>		<b>H213-1</b>	<b>Galaxy IBm</b>	<b>VB,CL,ME,DORBIFID,*F</b>
Mar 13 2007 8"	11mmT6	PB,PL,OVAL,FNUC,MHISB,R=G		
Apr 16 2004 8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC 4485</b>		<b>H197-1</b>	<b>Galaxy IB(s)m pec</b>	<b>B,PS,IR,NP OF 2</b>
Mar 29 2006 8"	11mmT6	PF,PS,R,NND,R=F		
<b>NGC 4490</b>		<b>H198-1</b>	<b>Galaxy SB(s)d pec</b>	<b>VB,VL,ME130,R,SF OF2</b>
Mar 29 2006 8"	11mmT6	F,S,OVAL,FNUC,R=F		

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<b>NGC 4490</b>		<b>H198-1</b>	<b>Galaxy SB(s)d pec</b>	<b>VB,VL,ME130,R,SF OF2</b>
Apr 14 2004 8"	25mmPL	CLEAR NIGHT - MEGASTAR CONTROL		
<b>NGC 4618</b>		<b>H178-1</b>	<b>Galaxy SB(rs)m</b>	<b>B,L,E,MBM,CVDBRANCHN</b>
Apr 14 2010 16"	11mmT6	PF,PS,R,NND,R=F		
Apr 06 2010 12"	11mmT6	DIFF,PF,PS,R,NND,R=F		
Mar 29 2006 8"	11mmT6	PF,PS,OVAL,NND,AV,R=F		
<b>NGC 4625</b>		<b>H660-2</b>	<b>Galaxy SAB(rs)m pec</b>	<b>PF,S,R</b>
Apr 14 2010 16"	11mmT6	PF,PS,R,UB,NND,R=F		
Apr 06 2010 12"	11mmT6	PF,CS,OVAL,NND,AV,R=P		
<b>NGC 4627</b>		<b>H659-2</b>	<b>Galaxy E4 pec</b>	<b>F,S,R,NP OF 2</b>
May 04 2005 8"	19mmW	MF,VS,OVAL,NND,R=F		
<b>NGC 4631</b>		<b>H42-5</b>	<b>Galaxy SB(s)d sp</b>	<b>VB,VL,EE70,BMN,*ATTN</b>
May 04 2005 8"	19mmW	MB,ML,EL,EON,FNUC,R=G		
<b>NGC 4656</b>		<b>H176-1</b>	<b>Galaxy SB(s)m pec</b>	<b>PB,L,VME34,SP OF 2</b>
May 04 2005 8"	11mmT6	VF,ML,EL,EON,NND,R=F		
<b>NGC 4736</b>	<b>M94</b>		<b>Galaxy (R)SA(r)ab</b>	<b>VB,L,IR,VSVMBMBN,R</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 08 2007 1.9"	12x50	PF,S,R,NND,R=F		
Mar 26 2006 8"	19mmW	PB,S,OVAL,BNUC,HISB,R=G		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Dec 30 2003 8"	25mmPL	H/M COLD		
<b>NGC 4800</b>		<b>H211-1</b>	<b>Galaxy SA(rs)b</b>	<b>PB,CS,R,PSBM,*14P</b>
Mar 29 2006 8"	11mmT6	PF,PS,R,NND,R=F		
<b>NGC 4861</b>		<b>H30-4</b>	<b>Galaxy SB(s)m:</b>	<b>VF,PL,VME30,BET2ST</b>
Apr 06 2010 12"	11mmT6	PF,PS,EON,NND,AV,R=F		
<b>NGC 4914</b>		<b>H645-2</b>	<b>Galaxy E</b>	<b>PB,CS,R,SMBM,*17NP</b>
Mar 26 2009 16"	17mmT4	PF,PS,OVAL,FNUC,R=F		
<b>NGC 4956</b>		<b>H413-2</b>	<b>Galaxy S0</b>	<b>PB,CS,R,SMBM</b>
Mar 28 2011 12"	7mm TV	PF,CS,R,FNUC,R=F		
<b>NGC 5005</b>		<b>H96-1</b>	<b>Galaxy SAB(rs)bc</b>	<b>VB,VL,VME66,VSBMN</b>
Apr 06 2010 12"	11mmT6	PB,PS,EON,BNUC,R=G		
Apr 26 2006 8"	11mmT6	PB,PL,EON,BNUC,R=G		
Apr 16 2004 8"	25mmPL	CLEAR - MEGASTAR CONTROL		

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<b>NGC 5023</b>		<b>H664-2</b>	<b>Galaxy Scd: sp</b>	<b>PF,L,ME20,VLBM</b>
Mar 28 2011 12"	7mm TV	PF,PS,EON,UB,NND,R=F,PA=90		
<b>NGC 5033</b>		<b>H97-1</b>	<b>Galaxy SA(s)c</b>	<b>VB,PL,E167,SMBMVB</b>
Apr 06 2010 12"	11mmT6	PF,PS,EXT,OVAL,UB,NND,R=F		
Apr 26 2006 8"	11mmT6	B,L,EON,ND,R=F		
Apr 16 2004 8"	25mmPL	CLEAR - MEGASTAR CONTROL		
<b>NGC 5055</b>	<b>M63</b>		<b>Galaxy SA(rs)bc</b>	<b>VB,L,PME120,VSMBMBN</b>
May 14 2017 12"	11mmT6	R=E		
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 10 2007 1.9"	12x50	F,FL,OVAL,NND,R=G		
Mar 26 2006 8"	19mmW	PB,PL,EON,BNUC,HISB,R=G		
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Dec 30 2003 8"	25mmPL	H/M COLD		
<b>NGC 5103</b>		<b>H665-2</b>	<b>Galaxy S?</b>	<b>PB,CS,E</b>
Mar 28 2011 12"	7mm TV	PF,VS,OVAL,UB,NND,R=F		
<b>NGC 5112</b>		<b>H646-2</b>	<b>Galaxy SB(rs)cd</b>	<b>F,L,IR,VGLBM</b>
Apr 06 2010 12"	11mmT6	DIFF,PF,PS,OVAL,NND,R=P		
<b>NGC 5127</b>		<b>H328-2</b>	<b>Galaxy E pec</b>	<b>PB,PL,R,GMBM,**P</b>
Apr 06 2010 12"	11mmT6	DIFF,PF,PS,OVAL,NND,R=P		
<b>NGC 5145</b>		<b>H667-2</b>	<b>Galaxy S?</b>	<b>PB,VS,VLE,GLBM</b>
Apr 06 2010 12"	11mmT6	PF,CS,OVA,UB,NND,R=F		
<b>NGC 5173</b>		<b>H672-3</b>	<b>Galaxy E0:</b>	<b>F,VS,R,STELLAR</b>
Apr 06 2010 12"	11mmT6	VF,VS,OVAL,NND,AV,R=P		
<b>NGC 5194</b>	<b>M51</b>		<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
Apr 20 2018 12"	11mmT6			
May 14 2017 12"	11mmT6	B,S,R,BNUC,R=E. SOME STRUCTURE NOTED IN ARMS		
Apr 14 2016 12"	8mm Ds	R,S,R,FNUC,R=G,FAINT STRUCTURE NOTED		
Aug 21 2015 12"	11mmT6	MOON WAS 7 DAYS OLD. NOT THE BEST FOR GALAXIES.		
Jul 15 2015 12"	17mmT4	JUST CRUSIN'		
May 23 2015 12"	8mm Ds	CAN JUST SEE SPIRAL STRUCTURE		
Sep 19 2014 12"	17mmAT	5-DAYS AFTER NEW - SIGHTSEEING, HOME - 8/15/14		
May 30 2014 36"	17mmT4	GREAT VIEW. SPIRAL STRUCTURE NOTED.		
May 30 2014 18"	8mm Ds	MORE DETAIL THAN THE 36". M51 AT ZENITH.		
Jul 13 2013 18"	7mm TV	MORE EYE CANDY - WHIRLPOOL GALAXY		
Mar 16 2012 18"	17mmAT	2012 M.M.		
Jul 04 2011 12"	7mm TV	SUPERNOVE SEEN, REMARKABLE ARM STRUCTURE, R=GREAT		

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<b>NGC 5194</b>	<b>M51</b>	<b>Galaxy SA(s)bc pec</b>	<b>GREAT SPIRAL NEBULA</b>
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	
Jan 11 2007 1.9"	12x50	VB,PL,OVAL,BNUC,R=G	
Mar 26 2006 8"	19mmW	VB,PL,OVAL,BNUC,R=G	
Apr 08 2005 31"	28mm	VB,VL,OVAL,BNUC,R=E!!	
Mar 19 2004 8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS	
Dec 30 2003 8"	25mmPL	H/M COLD	

<b>NGC 5195</b>	<b>H186-1</b>	<b>Galaxy I0 pec</b>	<b>B,PS,LE,VGBM,INV-M51</b>
Apr 20 2018 12"	11mmT6		
Apr 14 2016 12"	8mm Ds	F,PS,R,UB,NND,R=F,COULD NOT SEE LINK TO M51	
Aug 21 2015 12"	17mmT4		
May 23 2015 12"	8mm Ds	COMPANION TO M51	
May 30 2014 36"	17mmT4	GREAT VIEW.	
May 30 2014 18"	8mm Ds	MORE DETAIL THAN THE 36". AT ZENITH	
Jul 13 2013 18"	7mm TV	MORE EYE CANDY - MAYTAG GALAXY	
Apr 26 2006 8"	11mmT6	PB,L,OVAL,FNUC,MSB,R=G	
Apr 16 2004 8"	25mmPL	CLEAR - MEGASTAR CONTROL	

<b>NGC 5198</b>	<b>H689-2</b>	<b>Galaxy E1-2:</b>	<b>PF,PS,R,MBM</b>
Apr 06 2010 12"	11mmT6	PF,CS,R,UB,NND,R=F	

<b>NGC 5272</b>	<b>M3</b>	<b>Globular</b>	<b>GCL,EB,VL,VSMBM,*11.</b>
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	

<b>NGC 5273</b>	<b>H98-1</b>	<b>Galaxy SA(s)0^</b>	<b>CB,PL,R,G,PSMBM</b>
Mar 29 2006 8"	11mmT6	PF,PS,R,NND,AV,R=F	

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<b>NGC 5350</b> May 12 2005 31"	19mmW	<b>H713-2</b> VB,ML,OVAL,FNUC,MSB,R=G	<b>Galaxy SB(r)b</b>	<b>CF,PL,BM,*7P,1ST OF4</b>
<b>NGC 5353</b> May 12 2005 31"	19mmW	<b>H714-2</b> VB,ML,OVAL,BNUC,PHISB,R=G	<b>Galaxy S0 sp</b>	<b>PB,S,R,2ND OF 4</b>
<b>NGC 5354</b> May 12 2005 31"	19mmW	<b>H715-2</b> VB,ML,OVAL,BNUC,R=G	<b>Galaxy S0 sp</b>	<b>PF,S,R,3RD OF 4</b>
<b>NGC 5355</b> May 12 2005 31"	19mmW	<b>H699-3</b> MB,ML,EL,OVAL,FNUC,R=G	<b>Galaxy S0?</b>	<b>VF,PS,4TH OF 4</b>
<b>NGC 5358</b> May 12 2005 31"	19mmW	<b>MB,FS,EL,OVALFNUC,R=G</b>	<b>Galaxy S0/a</b>	<b>VF,VS,R,2VF*INV</b>
<b>NGC 5371</b> May 12 2005 31"	19mmW	<b>H716-2</b> MB,ML,OVAL,BNUC,HISB,R=G	<b>Galaxy SBbc</b>	<b>PB,L,R,BM FN</b>
<b>NGC 5383</b> Mar 28 2011 12"	7mm TV	<b>H181-1</b> PF,PS,R,FNUC,R=G	<b>Galaxy (R')SB(rs)b: p</b>	<b>CB,CL,R,GBM</b>
<b>NGC 5440</b> Mar 28 2011 12"	7mm TV	<b>H416-2</b> PF,PS,OVAL,VEXT,FNUC,R=G	<b>Galaxy Sa</b>	<b>PF,CS,LE,BM,*11SP</b>
<b>NGC 5444</b> Mar 28 2011 12"	7mm TV	<b>H417-2</b> DIFF,CF,PS,OVAL,MEXT,UB,R=F	<b>Galaxy E+:</b>	<b>PB,PL,IVLE,VSMBM</b>
<b>NGC 5445</b> Mar 28 2011 12"	7mm TV	<b>H413-3</b> CF,CS,OVAL,VEXT,UB,NND,R=F	<b>Galaxy S0?</b>	<b>F,*13P</b>
<b>PGC 49480</b> May 12 2005 31"	19mmW	<b>VF,ML,OVAL,NND,R=F</b>	<b>Galaxy SBb</b>	
<b>PGC 49542</b> May 12 2005 31"	19mmW	<b>VB,VS,EL,EON,BNUC,R=G</b>	<b>Galaxy Sdm:</b>	