

Astronomical League

Planetary Nebula Observing Club

1	NGC	40	Cep	H58-4	Planetary Neb 3b+3	F,VS,R,VSMBM,*12SP
	Oct 05 2016	12"	11mmT6	B,VS,R=G.	OIII HELPS.	NOT SURE ABOUT CENTRAL STAR
	Nov 11 2009	12"	7.5mmW	B,PS,R=G,	CENTRAL STAR VISIBLE	
	Oct 06 2004	8"	7.5mmW	MB,R,R=G		
2	NGC	246	Psc	H25-5	Planetary Neb 3b	VF,L,4*IN DIF NEB
	Nov 28 2010	12"	7mm TV	PF,PS,R=F,	IRREGULAR SHAPE,	NO CENTRAL STAR, OIII HELPS
	Nov 21 2006	8"	11mmT6	F,L,R,R=G		
3	NGC	650	Per	M76 H193-1	Planetary Neb 3+6	VB,P OF DNEB
	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	
	Oct 01 2006	1.9"	12x50	PF,PS,R,R=F		
	Jul 24 2006	8"	11mmT6	PF,L,R,R=G		
	Mar 19 2006	8"	19mmW	PF,L,VLE,R=G		
	Dec 01 2004	31"	11mmT6	VB,HISB,R=E,	SOLO EFFORT	
	Mar 19 2004	8"	25mmPL	2004 MESSIER MARATHON	- ARGO NAVIS	
	Dec 26 2003	8"	25mmPL	Q/M COLD		
4	IC	1747	Cas		Planetary Neb 3b	
	Oct 31 2010	12"	7mm TV	VF,VS,R=P.	STELLAR	
	Sep 12 2010	12"	5.5mmN	PF,VVS,R=P,	STELLAR	
6	IC	289	Cas		Planetary Neb 4+2	
	Aug 31 2010	12"	7mm TV	PF,PS,R=F.	NO CENTRAL STAR NOTED.	
7	NGC	1360	For		Planetary Neb 3	*8IN B,LNEB,E NS
	Dec 28 2008	31"	17mmT4	PF,PS,EL,R,R=G,	CENTRAL STAR, OIII	
8	IC	351	Per		Planetary Neb 2a	
	Dec 18 2006	31"	20mmUWPB,	VS,R,R=G		
9	IC	2003	Per		Planetary Neb 2	
	Dec 18 2006	31"	20mmUWB,	VS,R,R=G		
10	NGC	1501	Cam	H53-4	Planetary Neb 3	PLN,PB,PS,VLE,1'DIAM
	Oct 06 2004	8"	11mmT6	MB,OVAL,HISB,R=G		
11	NGC	1514	Tau	H69-4	Planetary Neb 3+2	*9IN NEB3'DIAM
	Dec 04 2004	8"	11mmT6	VB,HISB,R=G		
12	NGC	1535	Eri	H26-4	Planetary Neb 4+2c	PLN,VB,S,R,PS,VSBM,R
	Feb 17 2012	18"	11mmT6	OIII FILTER	- VERY NICE PLANETARY	
	Nov 11 2009	12"	7.5mmW	B,PS,R=G,	NO CENTRAL STAR NOTED.	
	Dec 28 2008	31"	17mmT4	VB,PS,R,R=G,	BRIGHT CENTRAL STAR!!, OIII	
	Nov 21 2006	8"	11mmT6	B,PS,R,	NO CENTRAL STAR,R=F	
14	J	320	Ori		Planetary Neb 2+4	
	Dec 28 2008	31"	17mmT4	F,VS,OVAL,R=F,	NO CENTRAL STAR	
	Dec 15 2004	8"	7.5mmW	VF,R=F		

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15	IC	418	Lep	Planetary Neb 4		
	Dec 28 2008	31"	17mmT4	VB,VS,R,R=G,	CENTRAL STAR	
16	NGC	2022	Ori	H34-4	Planetary Neb 4+2	PLN,PB,VS,VLE
	Dec 28 2008	31"	17mmT4	F,PS,OVAL,R=G,	NO CENTRAL STAR	
	Nov 22 2006	8"	11mmT6	PF,S,R=F		
	Mar 09 2004	8"	25mmPL	COMPTER =	ARGO NAVIS	
17	IC	2149	Aur	Planetary Neb 3b+2		
	Nov 11 2009	12"	7.5mmW	PB,PS,R=G,	NO CENTRAL STAR NOTED	
18	IC	2165	CMa	Planetary Neb 3b		
	Dec 19 2006	31"	17mmT4	VB,PS,R=G,	NO CENTRAL STAR	
21	NGC	2346	Mon	H65-4	Planetary Neb 3b+4	*10AFF W/ S,VF,NEB
	Feb 17 2012	18"	11mmT6	OIII FILTER -	VERY NICE PLANETARY	
	Apr 09 2008	8"	11mmT6	PF,PS,NO	CENTRAL STAR,R=F	
22	NGC	2371	Gem	H316-2	Planetary Neb 3a+2	B,S,R,BMN,P OF DNEB
	Feb 23 2006	31"	19mmW	FAIRLY LONG,	ELONG,MSB,R=G	
	Dec 04 2004	8"	7.5mmW	MF,OVAL,R=G		
24	NGC	2392	Gem	H45-4	Planetary Neb 3b+3b	B,S,R,*9M,*8NF100"
	May 22 2015	12"	8mm Ds	NO FILTER NEEDED	CENTRAL STAR VISIBLE	
	Dec 04 2004	8"	7.5mmW	VB,R,HISB,R=E!!!		
	Nov 06 2004	8"	11mmT6	NOT A BAD	PLANETARY	
25	NGC	2438	Pup	H39-4	Planetary Neb 4+2	PLN,PB,PS,VLE,R
	Feb 17 2012	18"	11mmT6	OIII FILTER -	VERY NICE PLANETARY	
	Mar 13 2007	8"	7.5mmW	VF,VS,R=F,	NO CENTRAL STAR	
26	NGC	2440	Pup	H64-4	Planetary Neb 5+3	PLN,CB,NOT VWELL DEF
	Feb 17 2012	18"	7mm TV	OIII FILTER -	VERY NICE PLANETARY	
	Mar 13 2007	8"	7.5mmW	F,PS,R=F,	IRREGULAR IN SHAPE	
27	NGC	2452	Pup	Planetary Neb 4+3	PLN,F,S,LE,AM60*	
	Nov 22 2006	8"	11mmT6	PF,PS,R=F		
29	NGC	2610	Hya	H35-4	Planetary Neb 4+2	F,S,ATTTO*13,*7NF
	Mar 29 2006	8"	11mmT6	PF,PS,R=F		
33	NGC	3242	Hya	H27-4	Planetary Neb 4+3b	PLN,VB,LE147,45"D
	May 22 2015	12"	8mm Ds	NO FILTER	CENTRAL STAR NOT VISIBLE	
	Apr 08 2005	8"	7.5mmW	VB,VL,R,R=G		
34	NGC	3587	UMa M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM	
	Apr 20 2018	12"	11mmT6			
	Apr 14 2016	12"	8mm Ds	PRETTY FAINT.	NO FILTER USED.	
	Aug 15 2015	12"	11mmT6			
	May 23 2015	12"	11mmT6			
	Jul 13 2013	18"	7mm TV	MORE EYE	CANDY	
	May 23 2012	18"	17mmAT	EYE	CANDY	
	Mar 16 2012	18"	17mmAT	2012	M.M.	

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34	NGC	3587	UMa M97	Planetary Neb 3a	PLN,VB,VL,R,VVG,VSBM
Jul 04 2011	12"	11mmT6	LAST OBJECT OF THE NIGHT. BACK TO WORK.		
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	B,R,R=G. LOOKS STELLAR		
Aug 20 2006	1.9"	12x50	PF,VS,AV,R=F		
Mar 19 2006	8"	19mmW	PB,L,R,R=G		
Mar 19 2004	8"	25mmPL	2004 MESSIER MARATHON - ARGO NAVIS		
Dec 26 2003	8"	25mmPL	Q/M COLD		
35	NGC	4361	Crv H65-1	Planetary Neb 3a+2	VB,L,R,VSMBMN,R
May 04 2005	8"	11mmT6	VF,VS,R,AV,R=F		
36	IC	3568	Cam	Planetary Neb 2+2a	
Jun 07 2010	12"	7.5mmW	PB,VS,R=F. ALMOST STELLAR		
38	ABELL	36	Vir	Planetary Neb	
Jul 13 2013	18"	11mmT6	VF,VS,R=F. NO CENTRAL STAR NOTED. USED OIII FILTER.		
41	NGC	6058	Her H637-3	Planetary Neb 3+2	PF,VS,R,STELLAR
Nov 13 2007	8"	11mmT6	VF,VS,AV,R=F, NO CENTRAL STAR		
42	IC	4593	Her	Planetary Neb 2+2	
Jun 03 2005	31"	19mmW	VB,VS,R,HISB,R=G		
44	NGC	6153	Sco	Planetary Neb 4	PLN,STELLAR
Jul 14 2010	12"	7.5mmW	PF,CS,R,R=F, NO CENTRAL STAR OBSERVED.		
45	NGC	6210	Her	Planetary Neb 2+3b	PLN,VB,VS,R,DISC
Jul 07 2018	12"	8mm Et	PBB,S,R=E. OIII FILTER. ROUND DONUT		
Jun 17 2016	12"	8mm Ds	TURTLE PLANETARY. NO CENTRAL STAR NOTED		
Sep 19 2014	12"	11mmT6	B,VS,R=F,SITS ATOP 3-STAR TRIANGLE -N.N., HOME - 8/14/14		
Jun 19 2004	8"	25mmPL	GOOD NIGHT - MEGASTAR		
46	IC	4634	Oph	Planetary Neb 2a+3	
Jul 31 2005	8"	7.5mmW	VVF,VS,AV,R=F		
48	NGC	6302	Sco	Planetary Neb 6	PB,E PF,(SWIFT,TRIP)
Jul 07 2018	12"	8mm Et	PB,S,R=E. OIII FILTER		
Jul 09 2005	8"	11mmT6	MB,VS,R,R=G		
49	NGC	6309	Oph	Planetary Neb 3b+6	B,S,BET2*VNR
Jul 03 2005	8"	11mmT6	MF,MS,PATCHY,R=F		
50	NGC	6337	Sco	Planetary Neb 4	RINGNEB,EF,S,AM ST
Jul 31 2011	12"	7mm TV	F,VS,,R=F,SMUDGE WITH TWO FOREGROUND STARS		
51	NGC	6369	Oph H11-4	Planetary Neb 4+2	RINGNEB,PB,S,R
Jul 07 2018	12"	8mm Et	PF,S,R=G. OIII FILTER		
Jul 09 2005	8"	11mmT6	MB,MS,R,R=G		
52	NGC	6445	Sgr H586-2	Planetary Neb 3b+3	PB,PS,R,GBM,R,*15NP
Jul 08 2018	12"	17mmT4	B,S,R=G.		

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52	NGC	6445	Sgr	H586-2	Planetary Neb 3b+3	PB,PS,R,GBM,R,*15NP
Jul 09 2005	8"	11mmT6	MB,ML,MSB,R=G			
54	NGC	6543	Dra	H37-4	Planetary Neb 3a+2	PLN,VB,PS,SBMVSN
Oct 21 2012	8"	5mm TV	B,PS,OVAL IN SHAPE,R=F			
Sep 05 2010	12"	5.5mmN	PB,PS,R=G, NO CENTRAL STAR NOTED. OIII NOT MUCH HELP - NO ADDITIONAL STRUCTURE			
Jul 09 2005	8"	11mmT6	VB,VS,OVAL,R=G			
Apr 13 2005	8"	11mmT6	VB,VS,R,R=G			
55	NGC	6537	Sgr		Planetary Neb 2a+6	PLN,B,S,STELLAR
Aug 12 2005	8"	7.5mmW	VF,VS,AV,R=F			
57	NGC	6563	Sgr		Planetary Neb 3a	PLN,F,L,CE,HAZY EDGE
Aug 29 2010	12"	7mm TV	PF,PS,R=F. NO CENTRAL STAR NOTED			
58	NGC	6572	Oph		Planetary Neb 2a	PLN,VB,VS,R,LHAZY
Jul 07 2018	12"	8mm Et	PB,PS,R=E. OIII FILTER			
Jul 23 2006	8"	7.5mmW	CB,CS,R,R=G			
Jul 31 2005	8"	11mmT6	VB,VS,R,R=F			
59	NGC	6567	Sgr		Planetary Neb 2a+3	PLN,STELL,11M,IN ACL
Sep 05 2007	8"	11mmT6	VF,PS,NO CENTRAL STAR,R=F			
62	NGC	6629	Sgr	H204-2	Planetary Neb 2a	PLNORGCL,PB,EES,R
Jul 07 2018	12"	8mm Et	B,S,R=F. OIII FILTER			
Jul 09 2005	8"	11mmT6	VF,VS,AV,R=F			
63	NGC	6644	Sgr		Planetary Neb 2	PLN,STELLAR
Sep 05 2007	8"	11mmT6	VF,VS,AV,R=F			
64	IC	4732	Sgr		Planetary Neb 1	
Sep 05 2007	8"	11mmT6	VF,ES,AV,NO CENTRAL STAR,R=F			
65	IC	4776	Sgr		Planetary Neb 2a	
Aug 24 2012	18"	8.8 ES	PF,PS, R=F, OIII FILTER,			
66	NGC	6720	Lyr M57		Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
Jul 02 2017	12"	17mmT4	SURPRISINGLY NOT TOO BAD			
Jul 05 2016	12"	8mm Et	SUPER			
Jun 17 2016	12"	8mm Ds	SURPRISINGLY NICE IN THE MOONLIGHT			
Aug 21 2015	12"	8mm Ds	LP2 FILTER			
Jul 15 2015	12"	8mm Ds				
May 23 2015	12"	11mmT6	EYE CANDY			
May 18 2014	18"	8mm Ds	EYE CANDY.			
Jul 13 2013	18"	7mm TV	EYE CANDY			
Oct 21 2012	8"	25mmPL	ANOTHER SURPRISE AT HOME,ROUND AND DISTINCT			
May 23 2012	18"	17mmAT	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"	26mm	M.M. 2010 MANUAL SETTING CIRCLES			
Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009			
Jun 30 2008	16"	17mmT4	PB,PL,R,NO CENTRAL STAR,R=G			

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66	NGC	6720	Lyr	M57	Planetary Neb 4+3	RINGNEB,B,PL,CE,LYRA
Oct 08 2006	1.9"	12x50	PB,S,R=G			
Mar 27 2006	8"	19mmW	B,L,R, R=G			
Aug 14 2004	8"	11mmT6	F/L W/NEW FOCUSER, NAGLER, DOBSON			
Dec 26 2003	8"	25mmPL	Q/M COLD			
Oct 10 2003	8"	25mmPL	FIRST LIGHT - FIRST OBJECT			
68	NGC	6742	Dra	H742-3	Planetary Neb 2c	VF,STELLAR
Sep 05 2010	12"	5.5mmN	CF,CS,R=F. NO CENTRAL STAR NOTED. OIII ADDS NOTHING.			
70	NGC	6741	Aql		Planetary Neb 4	PLN,STELLAR
Aug 07 2016	12"	8mm Et	PF,VS,R=F. LP3. PHANTOM STREAK.			
Sep 19 2014	12"	11mmT6	PF,PS,R=F, LP-2, NO CENTRAL STAR, HOME - 9/14/14			
Jul 03 2005	8"	11mmT6	VF,ML,PATCH,AV,R=F			
71	NGC	6751	Aql		Planetary Neb 3	PB,S
Aug 07 2016	12"	8mm Et	PF,PS,R=G. LP3 GLOWING EYE.			
Jul 03 2005	8"	11mmT6	MB,ML,R=G			
72	NGC	6765	Lyr		Planetary Neb 5	F,S,E
Jun 30 2008	16"	11mmT6	VF,PS,R,NO CENTRAL STAR,R=F			
73	IC	4846	Aql		Planetary Neb 2	
Jul 19 2017	12"	11mmT6	VF,VS, R=F. LP2 FILTER			
Jul 03 2005	8"	11mmT6	VB,VS,R,R=F			
74	IC	1297	CrA		Planetary Neb	
Aug 29 2010	12"	7mm TV	PF,VS,R=F. NO CENTRAL STAR NOTED			
75	NGC	6778	Aql		Planetary Neb 3+3	S,E,ILL-DEFINED DISC
Aug 31 2008	31"	17mmT4	PB,PS,R,R=G, NO CENTRAL STAR			
76	NGC	6781	Aql	H743-3	Planetary Neb 3+3	PLN,F,L,R,VSBM DISC
Aug 07 2016	12"	8mm Et	PF,PS,R=G., LP3. LITTLE RING.			
Sep 19 2014	12"	11mmT6	F,PL,OVAL,R=G, LP-2, 3 STARS INSIDE, HOME - 9/14/14			
Sep 13 2009	12"	32mmUW8TH	OBJECT			
Oct 06 2004	8"	11mmT6	MB,OVAL,HISB,R=G			
77	NGC	6790	Aql		Planetary Neb 2	PLN,B,ES,STELL=9.5M
Aug 07 2016	12"	8mm Et	PF,VS,R=F. LP3. EYE OF THE EAGLE			
Jul 03 2005	8"	11mmT6	VF,VS,AV,R=F			
78	MINK	1-70	Aql		Planetary Neb 1	
Aug 12 2005	8"	7.5mmW	VF,VS,AV,R=F			
79	NGC	6803	Aql		Planetary Neb 2a	PLN,STELLAR
Jul 25 2017	12"	11mmT6	VF,VS,R=F USED LP2.			
Jul 03 2005	8"	11mmT6	VF,VS,AV,R=F			
80	NGC	6804	Aql	H38-6	Planetary Neb 4+2	CB,S,IR,RRR
Jul 25 2017	12"	11mmT6	VF,VS,R=F. USED LP2			
Sep 13 2009	12"	32mmUW9TH	OBJECT			
Jul 03 2005	8"	11mmT6	VF,ML,AV,R=F			

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81	NGC 6807	Aql		Planetary Neb 2	PLN,STELLAR
	Aug 31 2008	31"	17mmT4	CF,CS,R,R=P, NO CENTRAL STAR	
82	HENIZ 2-438	Cyg		Planetary Neb 4	
	Aug 18 2010	12"	26mm	PF,VS,R=F,STELLAR IN APPEARANCE,OIII FILTER	
83	NGC 6818	Sgr	H51-4	Planetary Neb 4	PLN,B,VS,R
	Sep 19 2014	12"	11mmT6	B,S,ROUND DOT, HOME - 8/14/14	
	Jul 09 2005	8"	11mmT6	VB,VS,R,R=G	
84	NGC 6826	Cyg	H73-4	Planetary Neb 3a+2	PLN,B,PL,R,*11M
	Jul 19 2017	12"	11mmT6	F,PS,R=G. SQM=20.01. 71 DEGREES OUT.	
	Aug 13 2010	31"	17mmT4	B,S,R=F, CENTRAL STAR OBSERVED AND NOTED	
	Nov 13 2007	8"	11mmT6	PB,PS,R,R=G, NO CENTRAL STAR	
	Oct 13 2006	8"	19mmW	VF,PS,R=F	
	Sep 04 2004	8"	11mmT6	FAINT	
85	NGC 6833	Cyg		Planetary Neb 2	PLN,STELLAR
	Aug 13 2010	31"	17mmT4	CF,VVS,R=F. STELLAR IN APPEARANCE	
86	NGC 6853	Vul M27		Planetary Neb 3+2	VB,VL,BIN,IE,DUMBDEL
	Jul 08 2018	12"	17mmT4	B,L,R=E. NARROWBAND FILTER	
	Sep 02 2016	12"	8mm Et	VERY NICE WITH/WITHOUT OIII.	
	Aug 07 2016	12"	8mm Et	BRIGHT,LARGE,R=E. OUTSTANDING EVEN WITHOUT LP3.	
	Aug 21 2015	12"	8mm Ds	LP2 FILTER	
	Oct 21 2012	8"	11mmT6	B,L,R=G,SURPRISE UNDER THE STREETLIGHTS	
	Mar 16 2012	18"	17mmAT	2012 M.M.	
	Mar 01 2011	12"	17mmAT	M.M. 2011 - MANUAL SETTING CIRCLES	
	Aug 31 2010	12"	17mmAT	NIGHT ENDING EYE CANDY	
	Mar 08 2010	12"	26mm	M.M. 2010 MANUAL SETTING CIRCLES	
	Sep 13 2009	12"	32mmUW1ST	OBJECT WITH 12" SKYWATCHER & MANUAL SETTING CIRCLES	
	Mar 20 2009	16"	26mm	MESSIER MARATHON - 2009	
	Sep 01 2008	31"	17mmT4	VB,CL,R=E. NO CENTRAL STAR	
	Aug 12 2006	1.9"	12x50	F,S,R,R=F	
	Mar 27 2006	8"	19mmW	B,L,R=G, LONG	
	Aug 14 2004	8"	11mmT6		
	Dec 26 2003	8"	25mmPL	Q/M COLD	
87	NGC 6884	Cyg		Planetary Neb 2b	PLN,STELLAR
	Jul 23 2006	8"	11mmT6	VF,VS,AV,R=F	
89	NGC 6881	Cyg		Planetary Neb 2a+3	PLN,STELLAR
	Aug 13 2010	31"	17mmT4	PF,VS,R=P. STELLAR IN APPEARANCE - NO CENTRAL STAR!	
	Jul 27 2009	16"	7.5mmW	VF,VS,R=F, NO VISIBLE CENTRAL STAR	
90	NGC 6886	Sge		Planetary Neb 2+3	PLN,STELLAR=10M
	Sep 01 2008	31"	17mmT4	PB,VS,R=F. NO CENTRAL STAR	
91	NGC 6891	Del		Planetary Neb 2a+2b	PLN,STELLAR=9.5M
	Sep 25 2006	31"	19mmW	PB,L,R,R=G	
	Aug 12 2005	8"	7.5mmW	MF,VS,OVAL,R=F	

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92	NGC	6894	Cyg	H13-4	Planetary Neb 4+2	RINGNEB,F,S,VVLE
	Aug 13 2010	31"	17mmT4	F,PS,R=F.	OVAL PATCH - NO CENTRAL STAR NOTED	
	Jul 27 2009	16"	11mmT6	PF,PS,ROUND,	NO VISIBLE CENTRAL STAR,R=F	
93	IC	4997	Sge		Planetary Neb 1	
	Sep 01 2008	31"	17mmT4	PB,ES,R=F.	NO CENTRAL STAR	
94	NGC	6905	Del	H16-4	Planetary Neb 3+3	PLN,B,PS,R,4S*NR
	Jul 25 2017	12"	11mmT6	F,PS,R=G..	USED LP2	
	Aug 13 2007	31"	31mmT5	PF,CS,R,R=G,	CENTRAL STAR NOT VISIBLE	
	Aug 09 2005	8"	11mmT6	MB,ML,PATCHY,MSB,	R=G	
95	NGC	7008	Cyg	H192-1	Planetary Neb 3	CB,L,E45,R,**ATT
	Aug 02 2005	8"	19mmW	FB,FL,R=G,	BEHIND STAR	
96	NGC	7009	Aqr	H1-4	Planetary Neb 4+6	PLN,VB,S,ELLIPTIC
	Jul 08 2018	12"	8mm Et	B,MS,R=G.	SATURN NEBULA	
	Aug 21 2015	12"	8mm Ds			
	Oct 29 2006	8"	19mmW	F,VS,OVAL,	R=F	
	Sep 27 2005	31"	17mmT4	VB,VL,OVAL,HISB,	R=G!!	
	Jul 08 2004	31"	17mmT4	GREAT IN THE BIG ONE!		
	Jul 08 2004	8"	25mmPL	SMALL IN 8_DOBSON		
97	NGC	7026	Cyg		Planetary Neb 3a	PB,BIN,PLN
	Jul 07 2018	12"	8mm Et	B,PS,R=G		
	Aug 24 2005	8"	11mmT6	MF,MS,PATCHY,AV,	R=F	
98	NGC	7027	Cyg		Planetary Neb 3a	PLN,STELLAR=8.5M
	Aug 24 2005	8"	7.5mmW	VB,VS,R,R=F		
100	NGC	7048	Cyg		Planetary Neb 3b	PF,PL,DIF,IR,VLBM
	Aug 24 2005	8"	7.5mmW	VF,ML,PATCHY,AV,	R=F	
101	PEASE	1	Peg		Planetary Neb 1	
	Sep 27 2005	31"	17mmT4	VB,VS,R=F		
102	IC	5117	Cyg		Planetary Neb 2	
	Jul 23 2006	8"	11mmT6	F,VS,R,AV,R=F		
104	NGC	7094	Peg		Planetary Neb 4	*IN EEF NEBY,VDIFFIC
	Sep 05 2010	28"	26mm	PF,PS,R,R=F,OII,	NO CENTRAL STAR NOTED	
	Aug 29 2010	12"	7mm TV	VF,CS,AV,R=F.	NO CENTRAL STAR NOTED.	
105	IC	5217	Lac		Planetary Neb 2	
	Nov 16 2012	18"	11mmT6	VS,VF,R=F		
106	NGC	7293	Aqr		Planetary Neb 4+3	PF,VL,E OR BIN
	Sep 05 2010	12"	11mmT6	B,PS,R=G.	CENTRAL STAR NOT NOTED. OIII FILTER ADDS DETAIL.	
	Nov 09 2004	8"	11mmT6	NICE - ALMOST ROUND PATCH!	LARGE.	
107	NGC	7354	Cep	H705-2	Planetary Neb 4+3b	PLN,B,S,R,PGVLBM
	Sep 07 2005	8"	11mmT6	MB,ML,R,MSB,	R=G	
108	NGC	7662	And	H18-4	Planetary Neb 4+3	PLN ORRING,VB,PS,R

July 15, 2018

Astronomical League Planetary Nebula Observing Club

108 NGC	7662	And	H18-4	Planetary Neb 4+3	PLN ORRING,VB,PS,R
Oct 05 2016	12"	11mmT6	B,S,OIII,R=G.	BLUE STREAK NEBULA	
Aug 21 2015	12"	8mm Ds	PRETTY SMALL	USED LP2 FILTER	
Aug 24 2012	18"	5mm TV	ROUND AND BRIGHT,	OIII, BLUE SNOWBALL,	R=E!
Nov 21 2006	8"	11mmT6	VB,PS,OVAL,	NO CENTRAL STAR,	R=G
Aug 23 2004	8"	9mm	SMALL,FAINT.	LOOK @ AGAIN LATER!	

Total: 85