

# Astronomical League

## Planetary Nebula Observing Club

<b>1</b>	<b>NGC 40</b>	<b>Cep</b>	<b>H58-4</b>	<b>Planetary Neb 3b+3</b>	<b>F,VS,R,VSMBM,*12SP</b>
Jul 17 2020	12"	8mm Et	F,PS,R=G.	LP2,	SAW THE CENTRAL STAR
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		
<b>2</b>	<b>NGC 246</b>	<b>Psc</b>	<b>H25-5</b>	<b>Planetary Neb 3b</b>	<b>VF,L,4*IN DIF NEB</b>
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		
<b>3</b>	<b>NGC 650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB</b>
Oct 09 2018	12"	8mm Et	F,S,R=E.	LP2	
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	
<b>4</b>	<b>IC 1747</b>	<b>Cas</b>		<b>Planetary Neb 3b</b>	
Oct 31 2010	12"	7mm TV	VF,VS,R=P.	STELLAR	
Sep 12 2010	12"	5.5mmN	PF,VVS,R=P,	STELLAR	
<b>6</b>	<b>IC 289</b>	<b>Cas</b>		<b>Planetary Neb 4+2</b>	
Aug 31 2010	12"	7mm TV	PF,PS,R=F.	NO CENTRAL STAR	NOTED.
<b>7</b>	<b>NGC 1360</b>	<b>For</b>		<b>Planetary Neb 3</b>	<b>*8IN B,LNEB,E NS</b>
Dec 28 2008	31"	17mmT4	PF,PS,EL,R,R=G,	CENTRAL STAR,	OIII
<b>8</b>	<b>IC 351</b>	<b>Per</b>		<b>Planetary Neb 2a</b>	
Dec 18 2006	31"	20mmUWPB,	VS,R,R=G		
<b>9</b>	<b>IC 2003</b>	<b>Per</b>		<b>Planetary Neb 2</b>	
Dec 18 2006	31"	20mmUWB,	VS,R,R=G		
<b>10</b>	<b>NGC 1501</b>	<b>Cam</b>	<b>H53-4</b>	<b>Planetary Neb 3</b>	<b>PLN,PB,PS,VLE,1'DIAM</b>
Oct 06 2004	8"	11mmT6	MB,OVAL,HISB,R=G		
<b>11</b>	<b>NGC 1514</b>	<b>Tau</b>	<b>H69-4</b>	<b>Planetary Neb 3+2</b>	<b>*9IN NEB3'DIAM</b>
Dec 04 2004	8"	11mmT6	VB,HISB,R=G		
<b>12</b>	<b>NGC 1535</b>	<b>Eri</b>	<b>H26-4</b>	<b>Planetary Neb 4+2c</b>	<b>PLN,VB,S,R,PS,VSMB,R</b>
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
<b>14</b>	<b>J 320</b>	<b>Ori</b>		<b>Planetary Neb 2+4</b>	
Dec 28 2008	31"	17mmT4	F,VS,OVAL,R=F,	NO CENTRAL STAR	

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<b>14</b>	<b>J</b>	<b>320</b>	<b>Ori</b>		<b>Planetary Neb 2+4</b>	
		Dec 15 2004	8"	7.5mmW	VF,R=F	
<b>15</b>	<b>IC</b>	<b>418</b>	<b>Lep</b>		<b>Planetary Neb 4</b>	
		Dec 28 2008	31"	17mmT4	VB,VS,R,R=G, CENTRAL STAR	
<b>16</b>	<b>NGC</b>	<b>2022</b>	<b>Ori</b>	<b>H34-4</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,VS,VLE</b>
		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	
<b>17</b>	<b>IC</b>	<b>2149</b>	<b>Aur</b>		<b>Planetary Neb 3b+2</b>	
		Nov 11 2009	12"	7.5mmW	PB,PS,R=G, NO CENTRAL STAR NOTED	
<b>18</b>	<b>IC</b>	<b>2165</b>	<b>CMa</b>		<b>Planetary Neb 3b</b>	
		Dec 19 2006	31"	17mmT4	VB,PS,R=G, NO CENTRAL STAR	
<b>21</b>	<b>NGC</b>	<b>2346</b>	<b>Mon</b>	<b>H65-4</b>	<b>Planetary Neb 3b+4</b>	<b>*10AFF W/ S,VF,NEB</b>
		Feb 17 2012	18"	11mmT6	OIII FILTER - VERY NICE PLANETARY	
		Apr 09 2008	8"	11mmT6	PF,PS,NO CENTRAL STAR,R=F	
<b>22</b>	<b>NGC</b>	<b>2371</b>	<b>Gem</b>	<b>H316-2</b>	<b>Planetary Neb 3a+2</b>	<b>B,S,R,BMN,P OF DNEB</b>
		Feb 23 2006	31"	19mmW	FAIRLY LONG, ELONG,MSB,R=G	
		Dec 04 2004	8"	7.5mmW	MF,OVAL,R=G	
<b>24</b>	<b>NGC</b>	<b>2392</b>	<b>Gem</b>	<b>H45-4</b>	<b>Planetary Neb 3b+3b</b>	<b>B,S,R,*9M,*8NF100"</b>
		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	
<b>25</b>	<b>NGC</b>	<b>2438</b>	<b>Pup</b>	<b>H39-4</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,PS,VLE,R</b>
		Feb 17 2012	18"	11mmT6	OIII FILTER - VERY NICE PLANETARY	
		Mar 13 2007	8"	7.5mmW	VF,VS,R=F, NO CENTRAL STAR	
<b>26</b>	<b>NGC</b>	<b>2440</b>	<b>Pup</b>	<b>H64-4</b>	<b>Planetary Neb 5+3</b>	<b>PLN,CB,NOT VWELL DEF</b>
		Feb 17 2012	18"	7mm TV	OIII FILTER - VERY NICE PLANETARY	
		Mar 13 2007	8"	7.5mmW	F,PS,R=F,IRREGULAR IN SHAPE	
<b>27</b>	<b>NGC</b>	<b>2452</b>	<b>Pup</b>		<b>Planetary Neb 4+3</b>	<b>PLN,F,S,LE,AM60*</b>
		Nov 22 2006	8"	11mmT6	PF,PS,R=F	
<b>29</b>	<b>NGC</b>	<b>2610</b>	<b>Hya</b>	<b>H35-4</b>	<b>Planetary Neb 4+2</b>	<b>F,S,ATTTO*13,*7NF</b>
		Mar 29 2006	8"	11mmT6	PF,PS,R=F	
<b>33</b>	<b>NGC</b>	<b>3242</b>	<b>Hya</b>	<b>H27-4</b>	<b>Planetary Neb 4+3b</b>	<b>PLN,VB,LE147,45"D</b>
		May 22 2015	12"	8mm Ds	NO FILTER CENTRAL STAR NOT VISIBLE	
		Apr 08 2005	8"	7.5mmW	VB,VL,R,R=G	
<b>34</b>	<b>NGC</b>	<b>3587</b>	<b>UMa</b>	<b>M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
		Jun 19 2020	12"	13mmHWGOOD		
		Mar 25 2020	12"	11mmT6	CORVID-19 LOCKDOWN. DRIVEWAY OBSERVING	
		May 31 2019	12"	11mmT6	WAS HARD TO SEE. OIII DIDN'T HELP.	
		Apr 20 2018	12"	11mmT6		
		Apr 14 2016	12"	8mm Ds	PRETTY FAINT. NO FILTER USED.	

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<b>34</b>	<b>NGC</b>	<b>3587</b>	<b>UMa M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>
	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.	
	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	
<b>35</b>	<b>NGC</b>	<b>4361</b>	<b>Crv H65-1</b>	<b>Planetary Neb 3a+2</b>	<b>VB,L,R,VSMBMN,R</b>
	May 04 2005	8"	11mmT6	VF,VS,R,AV,R=F	
<b>36</b>	<b>IC</b>	<b>3568</b>	<b>Cam</b>	<b>Planetary Neb 2+2a</b>	
	Jun 07 2010	12"	7.5mmW	PB,VS,R=F. ALMOST STELLER	
<b>38</b>	<b>ABELL</b>	<b>36</b>	<b>Vir</b>	<b>Planetary Neb</b>	
	Jul 13 2013	18"	11mmT6	VF,VS,R=F. NO CENTRAL STAR NOTED. USED OIII FILTER.	
<b>41</b>	<b>NGC</b>	<b>6058</b>	<b>Her H637-3</b>	<b>Planetary Neb 3+2</b>	<b>PF,VS,R,STELLAR</b>
	Nov 13 2007	8"	11mmT6	VF,VS,AV,R=F, NO CENTRAL STAR	
<b>42</b>	<b>IC</b>	<b>4593</b>	<b>Her</b>	<b>Planetary Neb 2+2</b>	
	Aug 02 2019	12"	17mm O	PF,VS,R=P. OIII	
	Jun 03 2005	31"	19mmW	VB,VS,R,HISB,R=G	
<b>44</b>	<b>NGC</b>	<b>6153</b>	<b>Sco</b>	<b>Planetary Neb 4</b>	<b>PLN,STELLAR</b>
	Jul 14 2010	12"	7.5mmW	PF,CS,R,R=F, NO CENTRAL STAR OBSERVED.	
<b>45</b>	<b>NGC</b>	<b>6210</b>	<b>Her</b>	<b>Planetary Neb 2+3b</b>	<b>PLN,VB,VS,R,DISC</b>
	Aug 02 2019	12"	17mm O	B,VS,R=F. OIII	
	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	
<b>46</b>	<b>IC</b>	<b>4634</b>	<b>Oph</b>	<b>Planetary Neb 2a+3</b>	
	Jul 31 2005	8"	7.5mmW	VVF,VS,AV,R=F	
<b>48</b>	<b>NGC</b>	<b>6302</b>	<b>Sco</b>	<b>Planetary Neb 6</b>	<b>PB,E PF,(SWIFT,TRIP)</b>
	Jul 07 2018	12"	8mm Et	PB,S,R=E. OIII FILTER	
	Jul 09 2005	8"	11mmT6	MB,VS,R,R=G	
<b>49</b>	<b>NGC</b>	<b>6309</b>	<b>Oph</b>	<b>Planetary Neb 3b+6</b>	<b>B,S,BET2*VNR</b>
	Jun 19 2020	12"	8mm Et	EXCELLENT LP2 FILTER	
	Aug 24 2019	12"	8mm Et	F,S,OBLONG IN SHAPE. OIII.	

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<b>49</b>	<b>NGC</b>	<b>6309</b>	<b>Oph</b>		<b>Planetary Neb 3b+6</b>	<b>B,S,BET2*VNR</b>
Jul 03 2005	8"	11mmT6	MF,MS,PATCHY,R=F			
<b>50</b>	<b>NGC</b>	<b>6337</b>	<b>Sco</b>		<b>Planetary Neb 4</b>	<b>RINGNEB,EF,S,AM ST</b>
Jul 31 2011	12"	7mm TV	F,VS,,R=F,SMUDGE WITH TWO FOREGROUND STARS			
<b>51</b>	<b>NGC</b>	<b>6369</b>	<b>Oph</b>	<b>H11-4</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,PB,S,R</b>
Jun 19 2020	12"	8mm Et	PRETTY NICE, OIII FILTER			
Jul 07 2018	12"	8mm Et	PF,S,R=G. OIII FILTER			
Jul 09 2005	8"	11mmT6	MB,MS,R,R=G			
<b>52</b>	<b>NGC</b>	<b>6445</b>	<b>Sgr</b>	<b>H586-2</b>	<b>Planetary Neb 3b+3</b>	<b>PB,PS,R,GBM,R,*15NP</b>
Jun 24 2020	12"	8mm Et	PF,S,R=G. LP2 FILTER			
Jul 08 2018	12"	17mmT4	B,S,R=G.			
Jul 09 2005	8"	11mmT6	MB,ML,MSB,R=G			
<b>54</b>	<b>NGC</b>	<b>6543</b>	<b>Dra</b>	<b>H37-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,VB,PS,SBMVSN</b>
May 31 2019	12"	11mmT6				
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			
<b>55</b>	<b>NGC</b>	<b>6537</b>	<b>Sgr</b>		<b>Planetary Neb 2a+6</b>	<b>PLN,B,S,STELLAR</b>
Aug 12 2005	8"	7.5mmW	VF,VS,AV,R=F			
<b>57</b>	<b>NGC</b>	<b>6563</b>	<b>Sgr</b>		<b>Planetary Neb 3a</b>	<b>PLN,F,L,CE,HAZY EDGE</b>
Aug 29 2010	12"	7mm TV	PF,PS,R=F. NO CENTRAL STAR NOTED			
<b>58</b>	<b>NGC</b>	<b>6572</b>	<b>Oph</b>		<b>Planetary Neb 2a</b>	<b>PLN,VB,VS,R,LHAZY</b>
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			
<b>59</b>	<b>NGC</b>	<b>6567</b>	<b>Sgr</b>		<b>Planetary Neb 2a+3</b>	<b>PLN,STELL,11M,IN ACL</b>
Sep 05 2007	8"	11mmT6	VF,PS,NO CENTRAL STAR,R=F			
<b>62</b>	<b>NGC</b>	<b>6629</b>	<b>Sgr</b>	<b>H204-2</b>	<b>Planetary Neb 2a</b>	<b>PLNORGCL,PB,EES,R</b>
Jul 07 2018	12"	8mm Et	B,S,R=F. OIII FILTER			
Jul 09 2005	8"	11mmT6	VF,VS,AV,R=F			
<b>63</b>	<b>NGC</b>	<b>6644</b>	<b>Sgr</b>		<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
Sep 05 2007	8"	11mmT6	VF,VS,AV,R=F			
<b>64</b>	<b>IC</b>	<b>4732</b>	<b>Sgr</b>		<b>Planetary Neb 1</b>	
Sep 05 2007	8"	11mmT6	VF,ES,AV,NO CENTRAL STAR,R=F			
<b>65</b>	<b>IC</b>	<b>4776</b>	<b>Sgr</b>		<b>Planetary Neb 2a</b>	
Aug 24 2012	18"	8.8 ES	PF,PS, R=F, OIII FILTER,			
<b>66</b>	<b>NGC</b>	<b>6720</b>	<b>Lyr</b>	<b>M57</b>	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
Jul 26 2020	12"	17mmT4	NV+IR685 FILTER. INVISIBLE NO MATTER WHAT FILTER I USED.			
Jun 19 2020	12"	8mm Et	GOOD			
Jun 28 2019	12"	17mmT4	NICE VIEW WITH FILTER AND W/O.			

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<b>66</b>	<b>NGC 6720</b>	<b>Lyr M57</b>	<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
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	
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	
<b>68</b>	<b>NGC 6742</b>	<b>Dra H742-3</b>	<b>Planetary Neb 2c</b>	<b>VF,STELLAR</b>
Sep 05 2010	12"	5.5mmN	CF,CS,R=F. NO CENTRAL STAR NOTED. OIII ADDS NOTHING.	
<b>70</b>	<b>NGC 6741</b>	<b>Aql</b>	<b>Planetary Neb 4</b>	<b>PLN,STELLAR</b>
Aug 29 2019	12"	11mmT6	F,VS,R=F. LP2	
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	
<b>71</b>	<b>NGC 6751</b>	<b>Aql</b>	<b>Planetary Neb 3</b>	<b>PB,S</b>
Aug 29 2019	12"	11mmT6	F,PS,R=G. BRIGHTER, LP2	
Oct 09 2018	12"	11mmT6	F,S,R=F. NO CENTRAL STAR. LP2	
Aug 07 2016	12"	8mm Et	PF,PS,R=G. LP3 GLOWING EYE.	
Jul 03 2005	8"	11mmT6	MB,ML,R=G	
<b>72</b>	<b>NGC 6765</b>	<b>Lyr</b>	<b>Planetary Neb 5</b>	<b>F,S,E</b>
Jun 30 2008	16"	11mmT6	VF,PS,R,NO CENTRAL STAR,R=F	
<b>73</b>	<b>IC 4846</b>	<b>Aql</b>	<b>Planetary Neb 2</b>	
Jul 19 2017	12"	11mmT6	VF,VS, R=F. LP2 FILTER	
Jul 03 2005	8"	11mmT6	VB,VS,R,R=F	
<b>74</b>	<b>IC 1297</b>	<b>CrA</b>	<b>Planetary Neb</b>	
Aug 29 2010	12"	7mm TV	PF,VS,R=F. NO CENTRAL STAR NOTED	
<b>75</b>	<b>NGC 6778</b>	<b>Aql</b>	<b>Planetary Neb 3+3</b>	<b>S,E,ILL-DEFINED DISC</b>
Aug 31 2008	31"	17mmT4	PB,PS,R,R=G, NO CENTRAL STAR	
<b>76</b>	<b>NGC 6781</b>	<b>Aql H743-3</b>	<b>Planetary Neb 3+3</b>	<b>PLN,F,L,R,VSBM DISC</b>

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<b>76</b>	<b>NGC 6781</b>	<b>Aql</b>	<b>H743-3</b>	<b>Planetary Neb 3+3</b>	<b>PLN,F,L,R,VSBM DISC</b>
Aug 29 2019	12"	11mmT6	F,S,R=G.	RESPONDED BETTER TO OIII.	
Oct 09 2018	12"	11mmT6	B,L,R=G.	NO CENTRAL STAR.	LP2
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		
<b>77</b>	<b>NGC 6790</b>	<b>Aql</b>		<b>Planetary Neb 2</b>	<b>PLN,B,ES,STELL=9.5M</b>
Aug 29 2019	12"	11mmT6	F,VS,R=F.	LP2	
Oct 09 2018	12"	11mmT6	VF,VS,R=F.	LP2	
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		
<b>78</b>	<b>MINK 1-70</b>	<b>Aql</b>		<b>Planetary Neb 1</b>	
Aug 12 2005	8"	7.5mmW	VF,VS,AV,R=F		
<b>79</b>	<b>NGC 6803</b>	<b>Aql</b>		<b>Planetary Neb 2a</b>	<b>PLN,STELLAR</b>
Jul 25 2017	12"	11mmT6	VF,VS,R=F	USED LP2.	
Jul 03 2005	8"	11mmT6	VF,VS,AV,R=F		
<b>80</b>	<b>NGC 6804</b>	<b>Aql</b>	<b>H38-6</b>	<b>Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>
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		
<b>81</b>	<b>NGC 6807</b>	<b>Aql</b>		<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
Aug 31 2008	31"	17mmT4	CF,CS,R,R=P,	NO CENTRAL STAR	
<b>82</b>	<b>HENIZ 2-438</b>	<b>Cyg</b>		<b>Planetary Neb 4</b>	
Aug 18 2010	12"	26mm	PF,VS,R=F,STELLAR IN APPEARANCE,OIII FILTER		
<b>83</b>	<b>NGC 6818</b>	<b>Sgr</b>	<b>H51-4</b>	<b>Planetary Neb 4</b>	<b>PLN,B,VS,R</b>
Sep 19 2014	12"	11mmT6	B,S,ROUND DOT,	HOME - 8/14/14	
Jul 09 2005	8"	11mmT6	VB,VS,R,R=G		
<b>84</b>	<b>NGC 6826</b>	<b>Cyg</b>	<b>H73-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,B,PL,R,*11M</b>
May 31 2019	12"	11mmT6			
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		
<b>85</b>	<b>NGC 6833</b>	<b>Cyg</b>		<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
Aug 13 2010	31"	17mmT4	CF,VVS,R=F.	STELLAR IN APPEARANCE	
<b>86</b>	<b>NGC 6853</b>	<b>Vul M27</b>		<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBDEL</b>
Jul 26 2020	12"	17mmT4	NV+IR685 FILTER.	INVISIBLE NO MATTER WHAT FILTER I USED.	
Jul 17 2020	12"	30mmES	OUTSTANDING		
Jun 24 2020	12"	20mmOP	OUTSTANDING.	R=E	
Jun 19 2020	12"	13mmHWB,L,R=E.	NO FILTER AND STILL LOOKED GOOD.		

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<b>86</b>	<b>NGC</b>	<b>6853</b>	<b>Vul</b>	<b>M27</b>	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBEL</b>
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"	32mmUW	1ST 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			
<b>87</b>	<b>NGC</b>	<b>6884</b>	<b>Cyg</b>		<b>Planetary Neb 2b</b>	<b>PLN,STELLAR</b>
Jul 08 2019	12"	11mmT6	B,S,R=F.	LP2		
Jul 23 2006	8"	11mmT6	VF,VS,AV,R=F			
<b>89</b>	<b>NGC</b>	<b>6881</b>	<b>Cyg</b>		<b>Planetary Neb 2a+3</b>	<b>PLN,STELLAR</b>
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		
<b>90</b>	<b>NGC</b>	<b>6886</b>	<b>Sge</b>		<b>Planetary Neb 2+3</b>	<b>PLN,STELLAR=10M</b>
Sep 01 2008	31"	17mmT4	PB,VS,R=F.	NO CENTRAL STAR		
<b>91</b>	<b>NGC</b>	<b>6891</b>	<b>Del</b>		<b>Planetary Neb 2a+2b</b>	<b>PLN,STELLAR=9.5M</b>
Aug 29 2019	12"	11mmT6	B,VS,R=G.	LP2		
Sep 25 2006	31"	19mmW	PB,L,R,R=G			
Aug 12 2005	8"	7.5mmW	MF,VS,OVAL,R=F			
<b>92</b>	<b>NGC</b>	<b>6894</b>	<b>Cyg</b>	<b>H13-4</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,F,S,VVLE</b>
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		
<b>93</b>	<b>IC</b>	<b>4997</b>	<b>Sge</b>		<b>Planetary Neb 1</b>	
Sep 01 2008	31"	17mmT4	PB,ES,R=F.	NO CENTRAL STAR		
<b>94</b>	<b>NGC</b>	<b>6905</b>	<b>Del</b>	<b>H16-4</b>	<b>Planetary Neb 3+3</b>	<b>PLN,B,PS,R,4S*NR</b>
Aug 29 2019	12"	11mmT6	F,S,R=G.	LP2		
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			
<b>95</b>	<b>NGC</b>	<b>7008</b>	<b>Cyg</b>	<b>H192-1</b>	<b>Planetary Neb 3</b>	<b>CB,L,E45,R,**ATT</b>
Jul 08 2019	12"	11mmT6	F,L,R=G.	LP2. NO CENTRAL STAR NOTED.		
Aug 02 2005	8"	19mmW	FB,FL,R=G,	BEHIND STAR		
<b>96</b>	<b>NGC</b>	<b>7009</b>	<b>Aqr</b>	<b>H1-4</b>	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>

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<b>96</b>	<b>NGC</b>	<b>7009</b>	<b>Aqr</b>	<b>H1-4</b>	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
Aug 29 2019	12"	11mmT6	B,PS,R=G.	LP2.		
Oct 09 2018	12"	8mm Et	B,S,R=G.	NO FILTER.	CAN EASILY SEE APPENDEGES	
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			
<b>97</b>	<b>NGC</b>	<b>7026</b>	<b>Cyg</b>		<b>Planetary Neb 3a</b>	<b>PB,BIN,PLN</b>
Jul 07 2018	12"	8mm Et	B,PS,R=G			
Aug 24 2005	8"	11mmT6	MF,MS,PATCHY,AV,R=F			
<b>98</b>	<b>NGC</b>	<b>7027</b>	<b>Cyg</b>		<b>Planetary Neb 3a</b>	<b>PLN,STELLAR=8.5M</b>
Jul 08 2019	12"	11mmT6	B,PS,R=G.	OIII		
Aug 24 2005	8"	7.5mmW	VB,VS,R,R=F			
<b>100</b>	<b>NGC</b>	<b>7048</b>	<b>Cyg</b>		<b>Planetary Neb 3b</b>	<b>PF,PL,DIF,IR,VLBM</b>
Aug 24 2005	8"	7.5mmW	VF,ML,PATCHY,AV,R=F			
<b>101</b>	<b>PEASE</b>	<b>1</b>	<b>Peg</b>		<b>Planetary Neb 1</b>	
Sep 27 2005	31"	17mmT4	VB,VS,R=F			
<b>102</b>	<b>IC</b>	<b>5117</b>	<b>Cyg</b>		<b>Planetary Neb 2</b>	
Jul 08 2019	12"	11mmT6	VF,VS,R=P.	LP2		
Jul 23 2006	8"	11mmT6	F,VS,R,AV,R=F			
<b>104</b>	<b>NGC</b>	<b>7094</b>	<b>Peg</b>		<b>Planetary Neb 4</b>	<b>*IN EEF NEBY,VDIFFIC</b>
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.		
<b>105</b>	<b>IC</b>	<b>5217</b>	<b>Lac</b>		<b>Planetary Neb 2</b>	
Nov 16 2012	18"	11mmT6	VS,VF,R=F			
<b>106</b>	<b>NGC</b>	<b>7293</b>	<b>Aqr</b>		<b>Planetary Neb 4+3</b>	<b>PF,VL,E OR BIN</b>
Aug 29 2019	12"	11mmT6	F,L,R=G.	LP2		
Oct 09 2018	12"	8mm Et	F,L,R=G.	LP2		
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.		
<b>107</b>	<b>NGC</b>	<b>7354</b>	<b>Cep</b>	<b>H705-2</b>	<b>Planetary Neb 4+3b</b>	<b>PLN,B,S,R,PGVLBM</b>
Jul 17 2020	12"	8mm Et	F,VS,R=F.	LP2 DID NOT SEE CENTRAL STAR		
Sep 07 2005	8"	11mmT6	MB,ML,R,MSB,R=G			
<b>108</b>	<b>NGC</b>	<b>7662</b>	<b>And</b>	<b>H18-4</b>	<b>Planetary Neb 4+3</b>	<b>PLN ORRING,VB,PS,R</b>
Oct 09 2018	12"	8mm Et	PB,S,R=G			
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!			



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Total: 85