

# 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>
	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	
	Dec 15 2004 8"	7.5mmW	VF,R=F		

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<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 = ARGONAVIS		
<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 M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>	
	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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<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>
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>	
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>
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>
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 H11-4</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,PB,S,R</b>
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 H586-2</b>	<b>Planetary Neb 3b+3</b>	<b>PB,PS,R,GBM,R,*15NP</b>
Jul 08 2018	12"	17mmT4	B,S,R=G.		

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<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>
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>
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 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			

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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>
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 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>
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>
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>
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 H38-6</b>	<b>Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>

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<b>80</b>	<b>NGC</b>	<b>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</b>	<b>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</b>	<b>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</b>	<b>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</b>	<b>6826</b>	<b>Cyg</b>	<b>H73-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,B,PL,R,*11M</b>
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</b>	<b>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</b>	<b>6853</b>	<b>Vul</b>	<b>M27</b>	<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBDEL</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"	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			
<b>87</b>	<b>NGC</b>	<b>6884</b>	<b>Cyg</b>		<b>Planetary Neb 2b</b>	<b>PLN,STELLAR</b>
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		

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<b>91</b>	<b>NGC</b>	<b>6891</b>	<b>Del</b>		<b>Planetary Neb 2a+2b</b>	<b>PLN,STELLAR=9.5M</b>
	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>
	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>
	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>
	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>
	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 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>
	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.	

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<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>
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>
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!			

Total: 85