

## Intermediate Object Observing List, Valid Dates: July 27 – Aug 4, 2019

Observer: \_\_\_\_\_

Target Audience Level: **Beginner & Intermediate**

Suggested Optical aid: **Telescopes up to 12 inches**

Pin requirements: **Find 20 of the following using telescopes to 12". No 'goto' or setting circles allowed**

Object	Type	Constellation	Mag	Date	Notes, more space on back
<b>M102</b>	Galaxy	Draco	10.8		
<b>NGC 5907</b>	Galaxy	Draco	11.1		
<b>IC 4593</b>	Planetary Nebula	Hercules	10.9		
<b>NGC 6207</b>	Galaxy	Hercules	12.1		
<b>NGC 6791</b>	Open Cluster	Lyra	9.5		
<b>M57</b>	Planetary Nebula	Lyra	9.7		
<b>M107</b>	Globular Cluster	Ophiuchus	7.9		
<b>M9</b>	Globular Cluster	Ophiuchus	7.7		
<b>NGC 6356</b>	Globular Cluster	Ophiuchus	8.3		
<b>NGC 6366</b>	Globular Cluster	Ophiuchus	9.2		
<b>NGC 6416</b>	Open Cluster	Scorpius	7.0		
<b>NGC 6425</b>	Open Cluster	Scorpius	7.0		
<b>NGC 6818</b>	Planetary Nebula	Sagittarius	9.9		
<b>NGC 6520</b>	Open Cluster	Sagittarius	7.6		
<b>NGC 6522</b>	Globular Cluster	Sagittarius	8.3		
<b>NGC 6624</b>	Globular Cluster	Sagittarius	7.9		
<b>M26</b>	Open Cluster	Scutum	8.0		
<b>Gamma Delphini</b>	Binary star	Delphinus	5.0		
<b>M71</b>	Globular Cluster	Sagitta	8.2		
<b>M27</b>	Planetary Nebula	Vulpecula	7.6		
<b>NGC 6940</b>	Open Cluster	Vulpecula	6.3		
<b>NGC 6960</b>	Super Nova Remnant	Cygnus	7.0		
<b>NGC 6992</b>	Super Nova Remnant	Cygnus	7.0		
<b>NGC 6826</b>	Planetary Nebula	Cygnus	9.8		
<b>IC 5070</b>	Super Nova Remnant	Cygnus	8.0		
<b>IC 5146</b>	Open Cluster	Cygnus	7.2		
<b>M29</b>	Open Cluster	Cygnus	6.6		
<b>M30</b>	Globular Cluster	Capricornus	7.2		
<b>Neptune</b>	Planet	Aquarius	7.8		
<b>NGC 7009</b>	Planetary Nebula	Aquarius	8.3		
<b>M2</b>	Globular Cluster	Aquarius	6.5		
<b>Uranus</b>	Planet	Aries	5.8		
<b>M74</b>	Galaxy	Pisces	9.8		
<b>M15</b>	Globular Cluster	Pegasus	6.2		
<b>NGC 7331</b>	Galaxy	Pegasus	10.3		
<b>NGC 7662</b>	Planetary Nebula	Andromeda	8.3		
	Dwarf planet	Ophiuchus	6.5		

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