

Intermediate Object Observing List Valid Dates: Aug 16-24, 2025

Observer: _____

Target Audience Level: **Beginner & Intermediate**

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

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

Object	Type	Constellation	Mag	Date	Notes, more space on back
M102	Galaxy	Draco	10.8		
NGC 5907	Galaxy	Draco	11.1		
IC 4593	Planetary Nebula	Hercules	10.9		
NGC 6207	Galaxy	Hercules	12.1		
NGC 6791	Open Cluster	Lyra	9.5		
M57	Planetary Nebula	Lyra	9.7		
M107	Globular Cluster	Ophiuchus	7.9		
M9	Globular Cluster	Ophiuchus	7.7		
NGC 6356	Globular Cluster	Ophiuchus	8.3		
NGC 6366	Globular Cluster	Ophiuchus	9.2		
NGC 6416	Open Cluster	Scorpius	7.0		
NGC 6425	Open Cluster	Scorpius	7.0		
NGC 6818	Planetary Nebula	Sagittarius	9.9		
NGC 6520	Open Cluster	Sagittarius	7.6		
NGC 6522	Globular Cluster	Sagittarius	8.3		
NGC 6624	Globular Cluster	Sagittarius	7.9		
M26	Open Cluster	Scutum	8.0		
Gamma Delphini	Binary star	Delphinus	5.0		
M71	Globular Cluster	Sagitta	8.2		
M27	Planetary Nebula	Vulpecula	7.6		
NGC 6940	Open Cluster	Vulpecula	6.3		
NGC 6960	Super Nova Remnant	Cygnus	7.0		
NGC 6992	Super Nova Remnant	Cygnus	7.0		
NGC 6826	Planetary Nebula	Cygnus	9.8		
IC 5070	Super Nova Remnant	Cygnus	8.0		
IC 5146	Open Cluster	Cygnus	7.2		
M29	Open Cluster	Cygnus	6.6		
M30	Globular Cluster	Capricornus	7.2		
Neptune	Planet	Pisces	7.7		
NGC 7009	Planetary Nebula	Aquarius	8.3		
M2	Globular Cluster	Aquarius	6.5		
Uranus	Planet	Taurus	5.8		
M74	Galaxy	Pisces	9.8		
M15	Globular Cluster	Pegasus	6.2		
NGC 7331	Galaxy	Pegasus	10.3		
NGC 7662	Planetary Nebula	Andromeda	8.3		
1 Ceres	Dwarf planet	Cetus	8.4		

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