

Bright Object Observing List, Valid Dates: Aug 4-12, 2018

Observer: _____

Target Audience Level: **Anyone**

Suggested Optical aid: **Binoculars** – all objects are magnitude **7.5** or brighter (Guide8)

Pin requirements: **Observe any 20** of the following list using naked eye or binoculars. **No telescopes allowed.**

Object	Type	Constellation	Date	Notes, more space on back
M3	Globular Cluster	Bootes		
M5	Globular Cluster	Serpens Caput		
M13	Globular Cluster	Hercules		
M92	Globular Cluster	Hercules		
M12	Globular Cluster	Ophiuchus		
M10	Globular Cluster	Ophiuchus		
IC 4665	Open Cluster	Ophiuchus		
M19	Globular Cluster	Ophiuchus		
M62	Globular Cluster	Ophiuchus		
M80	Globular Cluster	Scorpius		
M4	Globular Cluster	Scorpius		
NGC 6441	Globular Cluster	Sagittarius		
M7	Open Cluster	Scorpius		
M6	Open Cluster	Scorpius		
M55	Globular Cluster	Sagittarius		
M28	Globular Cluster	Sagittarius		
M22	Globular Cluster	Sagittarius		
M8	Emission Nebula	Sagittarius		
M20	Reflection Neb /Emission Nebula	Sagittarius		
M18	Open Cluster	Sagittarius		
M23	Open Cluster	Sagittarius		
B92	Dark Nebula	Sagittarius		
M17	Emission Nebula/ Open Cluster	Sagittarius		
M2	Globular Cluster	Ophiuchus		
NGC 7293	Planetary Nebula	Aquarius		
M11	Open Cluster	Scutum		
B1422/143	Dark Nebula	Aquila		
Col 399	Open Cluster	Vulpecula		
M15	Globular Cluster	Pegasus		
M31	Galaxy	Andromeda		
M33	Galaxy	Andromeda		
NGC 869	Open Cluster	Perseus		
NGC 884	Open Cluster	Perseus		
NGC 457	Open Cluster	Cassiopeia		
Galilean Moons	Natural satellites, Jupiter	Libra		

Object	Notes
M3	
M5	
M13	
M92	
M12	
M10	
IC 4665	
M19	
M62	
M80	
M4	
NGC 6441	
M7	
M6	
M55	
M28	
M22	
M8	
M20	
M18	
M23	
B92	
M17	
M2	
NGC 7293	
M11	
B1422/143	
Col 399	
M15	
M31	
M33	
NGC 869	
NGC 884	
NGC 457	
Galilean Moons	