

Bright Object Observing List

Target Audience Level: **Anyone**

Suggested Optical Aid: **Binoculars - all objects are magnitude 7.5 or brighter (Guide 8)**

Valid Dates: **July 30th to August 7th, 2011**

| OBSERVER | | | | |
|---|-------------|----------------------|-------------|--------------|
| Pin Requirements: observe any 20 of the following list using naked eye or binoculars. No telescopes allowed | | | | |
| Object | Type | Constellation | Date | Notes |
| M3 | GC | Bootes | | |
| M5 | GC | Serpens Cap | | |
| M13 | GC | Hercules | | |
| M92 | GC | Hercules | | |
| M12 | GC | Ophiucus | | |
| M10 | GC | Ophiucus | | |
| IC 4665 | OC | Ophiucus | | |
| M19 | GC | Ophiucus | | |
| M62 | GC | Ophiucus | | |
| M80 | GC | Scorpius | | |
| M4 | GC | Scorpius | | |
| NGC 6441 | GC | Scorpius | | |
| M7 | OC | Scorpius | | |
| M6 | OC | Scorpius | | |
| NGC 6723 | GC | Sagittarius | | |
| M55 | GC | Sagittarius | | |
| M28 | GC | Sagittarius | | |
| M22 | GC | Sagittarius | | |
| M8 | EN | Sagittarius | | |
| M20 | RN/ EN | Sagittarius | | |
| M18 | OC | Sagittarius | | |
| M23 | OC | Sagittarius | | |
| B92 | DN | Sagittarius | | |
| M17 | EN/OC | Sagittarius | | |
| M2 | GC | Aquarius | | |
| NGC 7293 | PN | Aquarius | | |
| M11 | OC | Scutum | | |
| B142/143 | DN | Aquila | | |
| Col 399 | OC | Vulpecula | | |
| M15 | GC | Pegasus | | |
| M31 | Gal | Andromeda | | |
| M33 | Gal | Triangulum | | |
| NGC 869 | OC | Perseus | | |
| NGC 884 | OC | Perseus | | |
| NGC 457 | OC | Cassiopeia | | |
| | | | | |

OC = open cluster

EN = emission nebula

DN = dark nebula

Gal = galaxy

GC = globular cluster

RN = reflection nebula

PN = planetary nebula