

Challenge Objects Observing List Valid Dates: Aug 8 – 16, 2026

Observer: _____

Suggested Optical aid: **Telescopes with aperture at least 250 mm (10")**

Pin requirements: **Find any 15 from the following list. No 'goto' or setting circles allowed**

| Object | Type | Constellation | Mag | Date | Notes (more space on back) |
|--------------------|---------------------------------|----------------|---------|------|----------------------------|
| NGC 6364 | Galaxy | Hercules | 14.1 | | |
| IC 4617 * | Galaxy | Hercules | 16.0 | | |
| NGC 6207 | Galaxy | Hercules | 12.1 | | |
| PGC 60967 | Galaxy Sb | Hercules | 15.0 | | |
| Arp 103 | Galaxy x 3 | Hercules | 14.9 | | |
| UGC 9241 | Galaxy Sc | Bootes | 14.2 | | |
| UGC 9240 | Galaxy Irregular | Bootes | 13.3 | | |
| MRK 841 | Active Galactic Nuclei | Bootes | 14.0 | | |
| NGC 6791 | Open Cluster | Lyra | 9.5 | | |
| Pluto | Dwarf planet | Capricornus | 14.4 | | |
| NGC 6822 | Galaxy | Sagittarius | 9.3 | | |
| Palomar 11 | Globular Cluster | Aquarius | 9.8 | | |
| IC 5146 | Emission Neb/ Reflection Neb | Cygnus | 7.2 | | |
| NGC 7317-20 | Galaxy | Pegasus | 14.6 | | |
| Jones 1 | Planetary Neb | Pegasus | 12.1 | | |
| NGC 7822 * | Emission Neb/ Reflection Neb | Cepheus | | | |
| IC 59 | Emission Neb/ Reflection Neb | Cassiopeia | 13.3 | | |
| NGC 609 | Open Cluster | Cassiopeia | 11.0 | | |
| IC 1795 | Emission Neb | Cassiopeia | 7 | | |
| Maffei 1 * | Galaxy E3 | Cassiopeia | 17.0 | | |
| Abel 426 | Galaxy Cluster | Perseus | 13 | | |
| NGC 1432/35 | Reflection Neb | Taurus | 3.9/4.2 | | |
| IC 342 | Galaxy SBc | Camelopardalis | 9.1 | | |

* Suggested aperture at least 300 mm

| Object | Notes |
|--------------------|--------------|
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| NGC 6207 | |
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| UGC 9241 | |
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| NGC 6791 | |
| Pluto | |
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