

Observation Check List

Name	Code	Where	Note
Beehive Cluster	M44	Cancer	
Flocculent Spiral Galaxy	C48 / NGC 2775	Cancer	
Leo Triplet	M65, M66, & NGC 3628	Leo	Three galaxies toward Denebola
Antennae Galaxies	C60 & 61 / NGC 4038 & 4039	Corvus	
Ghost of Jupiter Planetary Nebula	C59 / NGC 3242	Crater	
Sombrero Galaxy	M104	Virgo & Corvus	Edge-on spiral galaxy
The Needle Galaxy	C38 / NGC 4565	Coma Berenices	Edge-on galaxy between Leo and Boötes
Open Clusters	M6 & M7	Sagittarius	
Lagoon Nebula & Trifid Nebula	M8 & M20	Sagittarius	Bright emission nebulae
Open Cluster	M21	Sagittarius	Near Trifid Nebula (M20)
Eagle Nebula & Omega Nebula	M16 & M17	Sagittarius	Look for the Pillars of Creation in M16
Sagittarius Globular Cluster	M22	Sagittarius	Bright Globular Cluster
Wild Duck Cluster	M11	Scutum	Triangle shape near Sagittarius
Hercules Globular Clusters	M13 & M92	Hercules	M13 Brightest Globular Cluster
Ring Nebula	M57	Lyra	Distant but colorful nebula
Eastern Veil Nebula	C33 / NGC 6992	Cygnus	Supernova remnant
Western Veil Nebula	C34 / NGC 6960	Cygnus	Supernova remnant
The Crescent Nebula	NGC 6888	Cygnus	
The North American Nebula	C20 / NGC 7000	Cygnus	Look for the Cygnus Wall
Blinking Planetary Nebula	C15 / NGC 6826	Cygnus	
Cocoon Nebula	C19 / IC 5146	Cygnus	
Dumbbell Nebula	M27	Sagitta	Bright planetary nebula
Ophiuchus Globular Clusters	M9, M10, M12, M14, M19, M62, M107	Ophiuchus	Look for M10 first
Pegasus Globular Cluster	M15	Pegasus	
Deer Lick Group	C30 / NGC 7331	Pegasus	Distant tilted spiral galaxy
Little Sombrero Galaxy	C43 / NGC 7814	Pegasus	Distant tilted spiral galaxy
Propeller Galaxy	C44 / NGC 7479	Pegasus	Distant face-on spiral galaxy
Sculptor Galaxy	C65 / NGC 253	Sculptor / Cetus	Bright galaxy below Pisces & Pegasus
Globular Cluster	M2	Aquarius	Bright Globular Cluster
Helix Nebula	C63 / NGC 7293	Aquarius	The "Eye of God" near Fomalhaut
Saturn Planetary Nebula	C55 / NGC 7009	Aquarius	Planetary Nebula near Capricornus

Observation Check List

Name	Code	Where	Note
Phantom Galaxy	M74	Pisces	Face-on spiral galaxy toward Aries
Andromeda Galaxy	M31, M32, & M110	Andromeda	1 st largest galaxy apparent view
Triangulum Galaxy	M33	Triangulum	Wide galaxy near Andromeda
Blue Snowball Planetary Nebula	C22 / NGC 7662	Andromeda	
Silver Silver (Outer Limits) Galaxy	C23 / NGC 891	Andromeda	Edge on galaxy toward Perseus
Perseus Double Cluster	C14 / NGC 869 & NGC 884	Perseus	
Little Dumbbell Nebula	M76	Perseus	Distant planetary nebula
Open Clusters	M36, M37, and M38	Auriga	
Flaming Star Nebula	C31 / IC 405	Auriga	
The Tadpoles	IC 410	Auriga	
The Spider Nebula	IC 417	Auriga	
Crab Nebula	M1	Taurus	Supernova remnant
Monkey Head Nebula	NGC 2175	Orion	Up toward Auriga
Orion Nebula	M42	Orion	Extremely bright emission nebula
De Mairan's Nebula	M43	Orion	Extension of the Orion Nebula
Horse Head & Flame Nebula	IC 434 / NGC 2024	Orion	Dark nebula
Rosette Nebula	C49 / NGC 2237	Monoceros	Between Orion and Canis Minor
Jellyfish Nebula	IC 443	Gemini	
Crown Face Nebula	C39 / NGC 2392	Gemini	
Seagull Nebula	IC 2177	Canis Major	North toward Monoceros
Tau Canis Major Cluster	C64 / NGC 2362	Canis Major	

Object	Color	Description
Galaxy	Red	An island of stars such as the Milky Way
Globular Cluster	Green	A cluster of thousands of older stars within the Milky Way
Open Cluster	Blue	A cluster of a few hundred newer stars within the Milky Way
(Double) Star	Black	Stellar pair – two stars that are gravitationally attached to each other
Nebula	Purple	A cloud of hydrogen gas and dust. Area where new stars are forming.
Planetary Nebula	Orange	The remains of a collapsed star
Super Nova Remnant	Brown	The remains of a large star that exploded

Observation Check List

Name	Code	Where	Note
Bode's & Cigar Galaxies	M81 & M82	Ursa Major	Face-on and edge-on galaxy
Whirlpool Galaxy	M51	Ursa Major	Face-on spiral galaxy
Pinwheel Galaxy	M101	Ursa Major	Face-on spiral galaxy
Owl Nebula	M97	Ursa Major	
Spindle Galaxy	M102 / NGC 5866	Draco	Edge-on galaxy
Splinter Galaxy	NGC 5907	Draco	Edge-on galaxy
Cat's Eye Planetary Nebula	C6 / NGC 6543	Draco	
Hidden Galaxy	C5 / IC 342	Camelopardalis	Spiral Galaxy near Cassiopeia
Pelican Nebula	NGC 281	Cassiopeia	Emission nebula
Fish Head (Northern Bear) Nebula	IC 1795	Cassiopeia	Emission nebula
Bubble Nebula	C11 / NGC 7635	Cassiopeia	Look for the bubble shape
Scorpion Cluster	M52	Cassiopeia	Open cluster
Owl / ET Cluster	C13 / NGC 457	Cassiopeia	Looks like ET or an owl
Heart Nebula / Running Dog Nebula	IC 1805	Cassiopeia	Wide / Dim Nebula
Soul Nebula	IC 1848	Cassiopeia	Wide / Dim Nebula
Fireworks Galaxy	C12 / NGC 6946	Cepheus & Cygnus	Face-on spiral galaxy
Iris Nebula	C4 / NGC 7023	Cepheus	Blue emission nebula

Object	Color	Description
Galaxy	Red	An island of stars such as the Milky Way
Globular Cluster	Green	A cluster of thousands of older stars within the Milky Way
Open Cluster	Blue	A cluster of a few hundred newer stars within the Milky Way
(Double) Star	Black	Stellar pair – two stars that are gravitationally attached to each other
Nebula	Purple	A cloud of hydrogen gas and dust. Area where new stars are forming.
Planetary Nebula	Orange	The remains of a collapsed star
Super Nova Remnant	Brown	The remains of a large star that exploded