Image	Name	Messier Catalogue	NGC[1]	Other designation[1]	Date discovered	Distance (kly)	Apparent magnitude (visual)[1]	Constellation
	Orbiting Eye Nebula / Gerrodine / Gerrodine-Puffball Nebulae		NGC 6751		1883	6.5	11.9	Aquila
	Turtle Nebula		NGC 6210		1825	4.7	9.3	Hercules
	Blue-Tie Nebula		NGC 40	Caldwell 2	1758	3.5	11.4	Cepheus
	Cloud of Jupiter		NGC 3242		1785	1.4	8.6	Hydra
	Blinking Planetary		NGC 6826	Caldwell 15		2.0	8.8	Cygnus
	Dumbbell Nebula	M27	NGC 6853		1764	1.36 [1] [2] [3]	7.3	Vulpecula
	Ring Nebula	M57	NGC 6720		1779	2.3 [1] [2] [3]	9	Lyra
	Eskimo Nebula or Clown-face Nebula		NGC 2392		1787	2.9 (9000 ly)	10.1	Gemini
	Cat's Eye Nebula		NGC 6543		1786	3.3 ± 0.9	8.88	Draco
	Little Ghost Nebula		NGC 6369		1830 (prior to)		9.9	Ophiuchus
	Medusa Nebula			Abell 21	1955	1.0 (approx.)	15.99	Gemini
	Jewel Bug Nebula		NGC 7027		1878	3.0 (approx.)	10	Cygnus
	Helix Nebula		NGC 7293		1824	0.68 [1] [2] [3]	7.6	Aquarius
	Little Dumbbell Nebula	M76	NGC 650, NGC 651		1780	3.4 (approx.)	10.1	Perseus
	Owl Nebula	M97	NGC 3587		1781	2.6 (approx.)	9.9	Ursa Major
	Twin Jet Nebula or Butterfly Nebula		M2-9		1947	2.1	14.7	Ophiuchus
	Footprint Nebula		M1-92		1946	15.0 (maximum)	11.7	Cygnus
	Butterfly Nebula		NGC 7026		1873	5.6	10.0	Cygnus
			NGC 2346		1802	3.9 (approx.)	11.9	Monoceros
				Abell 39	1955	6.8 (approx.)	13.7	Hercules
	James Emerson / Headphone Nebula		PK 164+31.1		1939	1.9 (approx.)	14.0	Lyra
	Lemon Slice Nebula		IC 3568		1916	4.5 (approx.)	12	Camelopardalis
	Snail Bubble Nebula		PN S75 S 1.7		2006	4 (approx.)		Cygnus
			IC 289		1889	6.2 (approx.)		Cassiopeia
			IC 2149		1906	3.6	10.6	Auriga
			IC 4593		1907	12	10.84	Hercules
			IC 4997			6	11	Sagitta
	Skull Nebula		NGC 246		1785	1.6	8	Cetus
	Oyster Nebula		NGC 6058		1787		13	Hercules
			NGC 1501		1787	4.2	13	Camelopardalis
			NGC 1514		1790	2.2	9.4	Taurus
			NGC 7009	PK 036-21.1	1678	5.2 (approx.)	12.1	Cygnus
			NGC 2022		1785	7.3 (approx.)	12.8	Orion
			NGC 2371		1785	4.3	13	Gemini
	Blue Racquetball / Turquoise Orb		NGC 6572		1825	2.5	8.1	Ophiuchus
			NGC 6781		1788	2.5	11.4	Aquila
			NGC 6790		1882	11	10.5	Aquila
			NGC 6891		1891		13.6	Cygnus
			NGC 6894		1883	6.5	10.9	Cygnus
			NGC 6891		1884	7.2	10.5	Delphinus
			NGC 6886		1884	15.8 ± 3.3	11.8	Sagitta
			NGC 6742, Abell 50		1788		16.5	Draco
			NGC 6884	PK 089-02.1	1784	4.2	12.3	Cygnus
	Blue Flash Nebula		NGC 6905		1784	7.5 (approx.)	10.9	Delphinus
			NGC 6804		1791	12.5 (maximum)	11.2	Aquila
	Fetus Nebula		NGC 7008		1787	2.7	12	Cygnus
			NGC 7354		1797	6.5		Cepheus
	Blue Snowball Nebula		NGC 7662		1784		8.6	Andromeda
			NGC 6803		1882	12.5	11.1	Aquila
				Abell 78	1966		13	Cygnus
				Abell 31	1955	2	12.2	Cancer
	Soccer Ball Nebula			Kronberger 61	2011	13	18.4	Cygnus
			IC 1454		1891	13.7 (approx.)	14	Cepheus
			Abell 12			8.9		Orion
			Herr 2-47			8.6		Carina
			NGC 5844		1837		12.7	Triangulum Australe
	Southern Crab Nebula		Herr 2-104		1987	7	14.20	Centaurus
			NGC 5979		1835	13 (approx.)	12.10	Triangulum Australe
	Red Spider Nebula		NGC 6537		1888 (prior to)	3.9 (approx.)	13.9	Sagittarius
			NGC 6905				14	Sagittarius
	Bug Nebula or Butterfly Nebula		NGC 6302	Caldwell 69	1888 (prior to)	3.4 ± 0.5	7.16	Scorpius
	Saturn Nebula		NGC 7009		1782	3.0 (approx.)	8.0	Aquarius
	Eight-burst Nebula / Southern Dumbbell / Ring Nebula		NGC 3132		1998 (prior to)	2.0 (approx.)	8.87	Vela
			NGC 2438		1758	2.9 (approx.)	11.5	Puppis
			NGC 2440		1790	3.6 (approx.)	9.3	Puppis
	Spirograph Nebula			IC 418	1888–1894	1.3 (approx.)	9.6	Leonis
			IC 1295		1887	4.7 (approx.)	12.7	Scutum
			IC 2448		1898	11 (approx.)	11.10	Carina
			IC 4663		1901	11 (approx.)		Scorpius
	Space-Tyre Nebula		IC 5148		1894	3 (approx.)	16.5	Grus
	Helma Nebula		IC 4406		1888–1907	2.0 (approx.)		Lupus
	Stingray Nebula		Hen 3-1357		1989	18 (approx.)	10.75	Ara
	Spiral Planetary Nebula		NGC 5189		1835	2.6 (approx.)	9.5	Musca
			Mz 1		1932	3.4 ± 0.5	12.0	Norma
	Ant Nebula		Mz 3		1932	9.0 (approx.)	13.8	Norma
	Shapley 1		PLN 329+2.1		1936	~1	12.6	Norma
	Engraved Hourglass Nebula		Wy2-1 8		1996	8.0 (approx.)	13.0	Musca
			NGC 3918	Blue Planetary	1834	4.9	8.6	Centaurus
			NGC 6578		1882	5.5 (approx.)	13.5	Sagittarius
	Fleming 1		G290.5+07.9, ESO 175-6		1899?	7.9	13.1	Centaurus
	Southern Owl Nebula		PN K 1-22, ESO 378-1		1927[1]	4.3[1]	17.4[1]	Hydra
			IC 4191		1907		11.4	Musca
			IC 4634		1893	7.5	11.3	Ophiuchus
			IC 4637		1901	7.6	12.5	Scorpius
	Robert's Egg Nebula		NGC 1360		1898	1.5 (approx.)	9.4	Fornax
	Cleopatra's Eye		NGC 1535		1785	6.5 (approx.)	10.5	Eridanus
			NGC 2452		1947		12.20	Puppis
			NGC 2899		1835	6.5	11.8	Vela
			NGC 2792		1835		11.8	Vela
			NGC 3211		1835	10.4	12.50	Pyxis
			NGC 2867		1834	7.3	10	Carina
			NGC 3211		1837		11.5	Carina
			NGC 3195		1835	5.5 (approx.)	11.8	Chamaeleon
			NGC 4361		1785	3 (approx.)	10.9	Corvus
			NGC 3357		1836	10	11.2	Centaurus
			NGC 5315		1883	7 (approx.)	9.8	Crux
			NGC 5882		1834		9.4	Lupus
			NGC 6072		1837	3.1 ± 1.4		Scorpius