

OBSERVATION LIST

Herschel 400

The Herschel 400 is a list of 400 deep-sky objects selected by the Astronomical League from William Herschel's original catalog of discoveries. All are NGC objects, spanning galaxies, open clusters, globular clusters, planetary nebulae, and diffuse nebulae. Designed as the natural next challenge after the Messier catalog, requiring 6-8 inch aperture and moderately dark skies for most targets. Sorted by right ascension for a natural sky tour through the seasons.

400

Objects

211

Easy

96

Medium

45

Hard

48

Very Hard

Vir · UMa · Com · Leo · CVn · Sgr · Cas · Oph · Mon · Pup · Cet · Per

Visibility scored for: **150mm Reflector** · Bortle 4

#	Object	Type	Constellation	Mag	RA	Dec	Level	<input type="checkbox"/>
1	NGC 7814	• Galaxy	Peg	10.5	00h 03m 18.0s	+16d 08' 60"	Medium	<input type="checkbox"/>
<i>Note: The Little Sombrero — an edge-on spiral in Pegasus with a prominent dust lane bisecting a bright bulge. About 6' x 2'. A miniature M104.</i>								
2	NGC 40	• Planetary Nebula	Cep	11.0	00h 13m 0.0s	+72d 31' 60"	V.Hard	<input type="checkbox"/>
<i>Note: The Bow-Tie Nebula — a small but bright planetary nebula with a prominent mag 11.5 central star. Slightly elongated shape at high power. An OIII filter enhances the shell.</i>								
3	NGC 129	• Open Cluster	Cas	6.5	00h 29m 54.0s	+60d 13' 60"	Easy	<input type="checkbox"/>
<i>Note: A loose open cluster in Cassiopeia containing about 35 stars spread over 21'. Best at low magnification. Contains the Cepheid variable DL Cas.</i>								
4	NGC 136	• Open Cluster	Cas	99.0	00h 31m 30.0s	+61d 31' 60"	Impos.	<input type="checkbox"/>
<i>Note: A small, faint cluster of about 20 stars in Cassiopeia. Compact and requires moderate aperture to resolve individual members.</i>								
5	NGC 157	• Galaxy	Cet	10.4	00h 34m 48.0s	-8d 24' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Cetus with a bright nucleus. Spiral arms visible in larger apertures under good conditions. About 3' across.</i>								
6	NGC 185	• Galaxy	Cas	9.2	00h 39m 0.0s	+48d 19' 60"	Easy	<input type="checkbox"/>
<i>Note: A dwarf elliptical companion galaxy of M31 — one of the closest galaxies to us. Small and diffuse but visible in moderate aperture as an oval glow near Cassiopeia.</i>								
7	M110 NGC 205	• Galaxy	And	8.0	00h 40m 24.0s	+41d 40' 60"	Easy	<input type="checkbox"/>
<i>Note: Also known as M110 — the larger satellite galaxy of M31. A diffuse elliptical glow NW of the Andromeda Galaxy's core. Low surface brightness.</i>								

8	NGC 225	• Open Cluster	Cas	7.0	00h 43m 24.0s	+61d 46' 60"	Easy	<input type="checkbox"/>
<i>Note: A small, scattered open cluster in Cassiopeia with about 15 bright members in a 12' area. Easy to find and pleasant at low power.</i>								
9	NGC 246	• Planetary Nebula	Cet	8.0	00h 47m 0.0s	-11d 52' 60"	Easy	<input type="checkbox"/>
<i>Note: The Skull Nebula — a large planetary nebula in Cetus. Four stars embedded in the nebula form a distinctive pattern. Best with an OIII filter. About 3.8' diameter.</i>								
10	NGC 247	• Galaxy	Cet	8.9	00h 47m 6.0s	-20d 46' 0"	Easy	<input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Cetus, part of the Sculptor Group. Long and thin, requires dark skies to see the full extent. About 20' long.</i>								
11	Sculptor galaxy NGC 253	• Galaxy	Scl	7.1	00h 47m 36.0s	-25d 16' 60"	Easy	<input type="checkbox"/>
<i>Note: The Sculptor Galaxy — one of the brightest galaxies in the sky. A large, elongated streak with mottled texture and dust lanes visible in moderate aperture.</i>								
12	NGC 278	• Galaxy	Cas	10.9	00h 52m 6.0s	+47d 32' 60"	Medium	<input type="checkbox"/>
<i>Note: A compact face-on spiral galaxy in Cassiopeia. Small but has high surface brightness, making it easier than its magnitude suggests. About 2' across.</i>								
13	NGC 288	• Globular Cluster	Scl	8.1	00h 52m 48.0s	-26d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: A loose, large globular cluster in Sculptor just 1.8 degrees SE of the South Galactic Pole. Easy to resolve into stars with moderate aperture.</i>								
14	NGC 381	• Open Cluster	Cas	9.0	01h 08m 18.0s	+61d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: A small open cluster in Cassiopeia with about 20 faint stars. Requires moderate aperture to resolve fully.</i>								
15	NGC 404	• Galaxy	And	10.1	01h 09m 24.0s	+35d 43' 0"	Easy	<input type="checkbox"/>
<i>Note: Mirach's Ghost — a small elliptical galaxy hidden in the glare of bright Mirach (Beta And). A fun challenge to spot the galaxy just 7' from the star. Use high magnification.</i>								
16	NGC 436	• Open Cluster	Cas	8.8	01h 15m 36.0s	+58d 49' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Cassiopeia with about 30 faint stars packed into 5'. Needs moderate magnification to resolve.</i>								
17	NGC 457	• Open Cluster	Cas	6.4	01h 19m 6.0s	+58d 19' 60"	Easy	<input type="checkbox"/>
<i>Note: The Owl Cluster (ET Cluster) — two bright stars form the 'eyes' with chains of fainter stars making wings. One of the most recognizable cluster patterns in the sky.</i>								
18	NGC 488	• Galaxy	Psc	10.3	01h 21m 48.0s	+5d 15' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright, nearly face-on spiral galaxy in Pisces with tightly wound spiral arms. The bright core is easy to spot; spiral structure needs larger aperture.</i>								
19	NGC 524	• Galaxy	Psc	10.6	01h 24m 48.0s	+9d 31' 60"	Easy	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Pisces with a bright, star-like nucleus surrounded by a diffuse halo. Part of a small galaxy group.</i>								
20	NGC 559	• Open Cluster	Cas	9.5	01h 29m 30.0s	+63d 17' 60"	Easy	<input type="checkbox"/>
<i>Note: A rich, compact open cluster in Cassiopeia with about 60 stars in an 8' area. Nice at moderate magnification.</i>								
21	NGC 584	• Galaxy	Cet	10.4	01h 31m 18.0s	-6d 52' 0"	Easy	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Cetus — bright and slightly oval. Part of a small group including NGC 596 and NGC 615.</i>								
22	NGC 596	• Galaxy	Cet	10.9	01h 32m 54.0s	-7d 01' 60"	Easy	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Cetus near NGC 584. Small, round, with a bright core.</i>								
23	M33 NGC 598	• Galaxy	Tri	5.7	01h 33m 54.0s	+30d 38' 60"	Hard	<input type="checkbox"/>
<i>Note: Also cataloged as M33 — the Triangulum Galaxy. A large face-on spiral, the third-largest in the Local Group. Best in binoculars or at very low power due to enormous size.</i>								
24	NGC 613	• Galaxy	Scl	10.0	01h 34m 18.0s	-29d 25' 0"	Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Sculptor with an unusually bright bar and complex spiral structure. Best in larger apertures.</i>								
25	NGC 615	• Galaxy	Cet	11.5	01h 35m 6.0s	-7d 19' 60"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Cetus near NGC 584. Elongated and moderately bright. Part of the NGC 584 galaxy group.</i>								
26	M76 NGC 651	• Planetary Nebula	Per	12.0	01h 42m 18.0s	+51d 34' 60"	V.Hard	<input type="checkbox"/>
<i>Note: The Little Dumbbell Nebula (M76) — a bright planetary nebula in Perseus shaped like a miniature version of M27. Two lobes visible at moderate magnification.</i>								
27	NGC 637	• Open Cluster	Cas	8.2	01h 42m 54.0s	+64d 00' 0"	Easy	<input type="checkbox"/>
<i>Note: A small, compact open cluster in Cassiopeia. About 20 faint stars in a 3.5' area. Needs moderate aperture.</i>								
28	NGC 654	• Open Cluster	Cas	6.5	01h 44m 6.0s	+61d 52' 60"	Easy	<input type="checkbox"/>

<i>Note: A compact open cluster in Cassiopeia with about 60 stars. Part of a triple cluster grouping with NGC 659 and NGC 663.</i>							
29	NGC 659	• Open Cluster	Cas	7.9	01h 44m 12.0s	+60d 42' 0"	Easy <input type="checkbox"/>
<i>Note: A small, rich open cluster in Cassiopeia near NGC 654 and NGC 663. About 40 stars in a 5' area.</i>							
30	NGC 663	• Open Cluster	Cas	7.1	01h 46m 0.0s	+61d 15' 0"	Easy <input type="checkbox"/>
<i>Note: One of the finest open clusters in Cassiopeia — about 80 stars scattered over 15'. Several nice pairs and chains of stars. A showpiece.</i>							
31	NGC 752	• Open Cluster	And	5.7	01h 57m 48.0s	+37d 40' 60"	Easy <input type="checkbox"/>
<i>Note: A large, bright open cluster in Andromeda visible to the naked eye. Over 60 stars across a full degree. Best in binoculars. One of the oldest open clusters.</i>							
32	NGC 772	• Galaxy	Ari	10.3	01h 59m 18.0s	+19d 01' 0"	Medium <input type="checkbox"/>
<i>Note: A spiral galaxy in Aries with an asymmetric spiral arm. The bright core and one prominent arm are visible in moderate aperture.</i>							
33	NGC 779	• Galaxy	Cet	11.0	01h 59m 42.0s	-5d 58' 0"	Medium <input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Cetus. A thin elongated streak about 4' long.</i>							
34	Double cluster NGC 869	• Open Cluster	Per	4.0	02h 19m 0.0s	+57d 08' 60"	Easy <input type="checkbox"/>
<i>Note: The western half of the Double Cluster in Perseus. A rich swarm of blue-white stars with a few orange supergiants. One of the sky's finest sights.</i>							
35	Double cluster NGC 884	• Open Cluster	Per	4.0	02h 22m 24.0s	+57d 07' 0"	Easy <input type="checkbox"/>
<i>Note: The eastern half of the Double Cluster. Slightly sparser than NGC 869 but with more red supergiants. Together they span 1 degree.</i>							
36	NGC 891	• Galaxy	And	10.0	02h 22m 36.0s	+42d 21' 0"	Medium <input type="checkbox"/>
<i>Note: A superb edge-on spiral galaxy in Andromeda with a prominent central dust lane. One of the finest edge-on galaxies in the sky. About 14' long.</i>							
37	NGC 908	• Galaxy	Cet	10.2	02h 23m 6.0s	-21d 13' 60"	Hard <input type="checkbox"/>
<i>Note: A bright spiral galaxy in Cetus. Elongated with a moderately bright core. About 6' x 2.5'.</i>							
38	NGC 936	• Galaxy	Cet	10.1	02h 27m 36.0s	-1d 08' 60"	Easy <input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Cetus with a distinctive bright bar across a round halo. Unusual and interesting morphology.</i>							
39	NGC 1022	• Galaxy	Cet	11.4	02h 38m 30.0s	-6d 40' 0"	V.Hard <input type="checkbox"/>
<i>Note: A compact barred spiral galaxy in Cetus with a bright core. About 2' across.</i>							
40	NGC 1023	• Galaxy	Per	9.5	02h 40m 24.0s	+39d 04' 0"	Easy <input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Perseus. Elongated and easy to spot with a bright, lens-shaped profile about 8' long.</i>							
41	NGC 1052	• Galaxy	Cet	10.6	02h 41m 6.0s	-8d 15' 0"	Easy <input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Cetus. Compact and easy to find as a fuzzy star. The center of a small galaxy group.</i>							
42	NGC 1055	• Galaxy	Cet	10.6	02h 41m 48.0s	+0d 25' 60"	Medium <input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Cetus near M77. A thin streak with a subtle dust lane. About 7' long.</i>							
43	NGC 1027	• Open Cluster	Cas	6.7	02h 42m 42.0s	+61d 32' 60"	Easy <input type="checkbox"/>
<i>Note: A large open cluster in Cassiopeia with about 50 stars spread over 20'. Best at low power. Near the Heart Nebula.</i>							
44	NGC 1084	• Galaxy	Eri	10.6	02h 46m 0.0s	-7d 34' 60"	Medium <input type="checkbox"/>
<i>Note: A bright spiral galaxy in Eridanus. Nearly face-on with a bright core and patchy spiral arms in larger aperture.</i>							
45	NGC 1245	• Open Cluster	Per	8.4	03h 14m 42.0s	+47d 15' 0"	Easy <input type="checkbox"/>
<i>Note: A rich, compact open cluster in Perseus with about 200 faint stars. Appears as a hazy glow in smaller scopes; begins to resolve at 8"+.</i>							
46	NGC 1342	• Open Cluster	Per	6.7	03h 31m 36.0s	+37d 19' 60"	Easy <input type="checkbox"/>
<i>Note: A bright, scattered open cluster in Perseus with about 40 stars across 14'. Nice at low magnification.</i>							
47	NGC 1407	• Galaxy	Eri	9.8	03h 40m 12.0s	-18d 34' 60"	Easy <input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Eridanus. The dominant member of a small galaxy group. Compact and easy to spot.</i>							
48	NGC 1444	• Open Cluster	Per	6.6	03h 49m 24.0s	+52d 40' 0"	Easy <input type="checkbox"/>
<i>Note: A small open cluster in Perseus with about 20 stars. Contains a bright 6th-magnitude star.</i>							
49	NGC 1501	• Planetary Nebula	Cam	13.0	04h 06m 60.0s	+60d 55' 0"	Impos. <input type="checkbox"/>
<i>Note: A small, bright planetary nebula in Camelopardalis. The disk is visible at moderate magnification with a faint central star. OIII filter helps.</i>							

50	Kemble's Cascade Cluster • Open Cluster	Cam	5.7	04h 07m 42.0s	+62d 19' 60"	Easy	<input type="checkbox"/>
<i>Note: A compact, bright open cluster in Camelopardalis at the end of Kemble's Cascade. About 20 stars including a nice double at its center.</i>							
51	NGC 1513 • Open Cluster	Per	8.4	04h 10m 0.0s	+49d 31' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Perseus with about 50 stars in a 10' area. Moderately rich and attractive.</i>							
52	NGC 1535 • Planetary Nebula	Eri	10.0	04h 14m 12.0s	-12d 43' 60"	Hard	<input type="checkbox"/>
<i>Note: Cleopatra's Eye — a bright, compact planetary nebula in Eridanus. Vivid blue-green color at moderate magnification. One of the best winter planetaries.</i>							
53	NGC 1528 • Open Cluster	Per	6.4	04h 15m 24.0s	+51d 13' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright, large open cluster in Perseus with about 80 stars. Impressive at low to moderate magnification.</i>							
54	NGC 1545 • Open Cluster	Per	6.2	04h 20m 54.0s	+50d 15' 0"	Easy	<input type="checkbox"/>
<i>Note: A scattered open cluster in Perseus with about 20 stars. Contains a prominent bright star near the center.</i>							
55	NGC 1647 • Open Cluster	Tau	6.4	04h 46m 0.0s	+19d 04' 0"	Easy	<input type="checkbox"/>
<i>Note: A large, bright open cluster in Taurus with about 90 stars spread over 45'. Best in binoculars or at very low power.</i>							
56	NGC 1664 • Open Cluster	Aur	7.6	04h 51m 6.0s	+43d 42' 0"	Easy	<input type="checkbox"/>
<i>Note: A loose open cluster in Auriga with about 40 stars. Pleasant at low magnification.</i>							
57	NGC 1788 • Diffuse Nebula	Ori	99.0	05h 06m 54.0s	-3d 21' 0"	Medium	<input type="checkbox"/>
<i>Note: A reflection nebula in Orion illuminated by a small group of stars. Faint but visible in moderate aperture as a hazy glow.</i>							
58	NGC 1817 • Open Cluster	Tau	7.7	05h 12m 6.0s	+16d 41' 60"	Easy	<input type="checkbox"/>
<i>Note: A large, scattered open cluster in Taurus with about 70 stars spread over 15'. Needs low power to appreciate.</i>							
59	NGC 1857 • Open Cluster	Aur	7.0	05h 20m 12.0s	+39d 21' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Auriga with about 40 stars in an 8' area. Moderate concentration.</i>							
60	NGC 1907 • Open Cluster	Aur	8.2	05h 28m 0.0s	+35d 19' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Auriga just 30' south of M38. About 30 stars in a 6' area. Nice paired view with M38.</i>							
61	1931 C • Galaxy	Aur	11.3	05h 31m 24.0s	+34d 15' 0"	Medium	<input type="checkbox"/>
<i>Note: An emission/reflection nebula complex in Auriga with embedded cluster stars. A miniature Orion Nebula visible in moderate aperture. About 3' across.</i>							
62	NGC 1964 • Galaxy	Lep	10.8	05h 33m 24.0s	-21d 56' 60"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Lepus with an elongated shape. About 6' x 2'. Moderately bright core.</i>							
63	NGC 1980 • Diffuse Nebula	Ori	99.0	05h 35m 24.0s	-5d 54' 0"	Medium	<input type="checkbox"/>
<i>Note: An open cluster in Orion just south of the Great Nebula, associated with Iota Orionis. The cluster stars frame the nebula's southern edge.</i>							
64	NGC 1999 • Diffuse Nebula	Ori	99.0	05h 36m 30.0s	-6d 42' 0"	Medium	<input type="checkbox"/>
<i>Note: A small reflection nebula in Orion near M42, illuminated by V380 Ori. Contains a dark Bok globule creating a 'keyhole' shape.</i>							
65	NGC 2024 • Diffuse Nebula	Ori	99.0	05h 41m 54.0s	-1d 51' 0"	Impos.	<input type="checkbox"/>
<i>Note: The Flame Nebula — an emission nebula adjacent to Alnitak in Orion's Belt. Dark lanes cross the bright nebulosity. UHC or H-beta filter helps.</i>							
66	NGC 1961 • Galaxy	Cam	11.1	05h 42m 6.0s	+69d 22' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A large spiral galaxy in Camelopardalis. Diffuse but detectable as an oval glow. About 4' across.</i>							
67	NGC 2022 • Planetary Nebula	Ori	12.0	05h 42m 6.0s	+9d 04' 60"	Impos.	<input type="checkbox"/>
<i>Note: A small, bright planetary nebula in Orion. Appears as a tiny blue-green disk at moderate magnification. OIII filter enhances contrast.</i>							
68	NGC 2129 • Open Cluster	Gem	6.7	06h 00m 60.0s	+23d 18' 0"	Easy	<input type="checkbox"/>
<i>Note: A small, sparse open cluster in Gemini with a bright pair of stars. About 7' across.</i>							
69	NGC 2126 • Open Cluster	Aur	10.0	06h 02m 60.0s	+49d 53' 60"	Easy	<input type="checkbox"/>
<i>Note: A small open cluster in Auriga with about 30 faint stars. Compact and requires moderate aperture to resolve.</i>							
70	NGC 2158 • Open Cluster	Gem	8.6	06h 07m 30.0s	+24d 06' 0"	Easy	<input type="checkbox"/>
<i>Note: A rich, very distant open cluster in Gemini appearing as a hazy glow near M35. Resolves into very faint stars in 10"+. Beautiful contrast to nearby M35.</i>							
71	NGC 2169 • Open Cluster	Ori	5.9	06h 08m 24.0s	+13d 56' 60"	Easy	<input type="checkbox"/>
<i>Note: The '37 Cluster' in Orion — about 15 bright stars arranged in a pattern resembling the number 37. A fun, easy target.</i>							

72	NGC 2185	• Diffuse Nebula	Mon	99.0	06h 11m 6.0s	-6d 13' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A small reflection nebula in Monoceros. Faint, requiring moderate aperture and good skies.</i>								
73	NGC 2186	• Open Cluster	Ori	8.7	06h 12m 12.0s	+5d 27' 0"	Easy	<input type="checkbox"/>
<i>Note: A small, compact open cluster in Orion with about 25 stars in a 4' area.</i>								
74	NGC 2194	• Open Cluster	Ori	8.5	06h 13m 48.0s	+12d 48' 0"	Easy	<input type="checkbox"/>
<i>Note: A rich, compact open cluster in Orion with about 80 faint stars. Appears as a hazy patch in smaller scopes; resolves in 8"+.</i>								
75	NGC 2204	• Open Cluster	CMa	8.6	06h 15m 42.0s	-18d 38' 60"	Easy	<input type="checkbox"/>
<i>Note: A rich open cluster in Canis Major with about 80 stars. Fairly compact and attractive.</i>								
76	NGC 2215	• Open Cluster	Mon	8.4	06h 20m 60.0s	-7d 16' 60"	Easy	<input type="checkbox"/>
<i>Note: A loose open cluster in Monoceros with about 20 stars spread over 10'.</i>								
77	NGC 2232	• Open Cluster	Mon	3.9	06h 26m 36.0s	-4d 45' 0"	Easy	<input type="checkbox"/>
<i>Note: A large, bright open cluster in Monoceros centered on 10 Mon. About 30 stars across 30'. Best in binoculars.</i>								
78	NGC 2244	• Open Cluster	Mon	4.8	06h 32m 24.0s	+4d 52' 0"	Easy	<input type="checkbox"/>
<i>Note: The Rosette Cluster — the central star cluster of the Rosette Nebula. About 20 bright stars in a rectangular pattern. The nebula needs dark skies or a filter.</i>								
79	NGC 2251	• Open Cluster	Mon	7.3	06h 34m 42.0s	+8d 22' 0"	Easy	<input type="checkbox"/>
<i>Note: A loose open cluster in Monoceros with about 30 stars. Pleasant but not concentrated.</i>								
80	2264 C	• Open Cluster	Mon	3.9	06h 41m 6.0s	+9d 52' 60"	Easy	<input type="checkbox"/>
<i>Note: The Christmas Tree Cluster — a bright cluster whose stars trace out a tree shape, with S Mon as the trunk star. The Cone Nebula requires dark skies and a filter.</i>								
81	NGC 2266	• Open Cluster	Gem	10.0	06h 43m 12.0s	+26d 58' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact, rich open cluster in Gemini with about 50 faint stars. Needs moderate aperture to resolve. Attractive at higher magnification.</i>								
82	NGC 2286	• Open Cluster	Mon	7.5	06h 47m 36.0s	-3d 10' 0"	Easy	<input type="checkbox"/>
<i>Note: A scattered open cluster in Monoceros with about 50 stars spread over 14'.</i>								
83	NGC 2281	• Open Cluster	Aur	5.4	06h 49m 18.0s	+41d 04' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright open cluster in Auriga with about 30 stars in a 15' area. Easy and attractive. Contains several nice pairs.</i>								
84	NGC 2301	• Open Cluster	Mon	6.0	06h 51m 48.0s	+0d 28' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright, compact open cluster in Monoceros with about 80 stars. One of the better winter clusters — rich and impressive.</i>								
85	NGC 2304	• Open Cluster	Gem	10.0	06h 55m 0.0s	+18d 01' 0"	Easy	<input type="checkbox"/>
<i>Note: A small, faint open cluster in Gemini with about 25 stars in a compact 3' area.</i>								
86	NGC 2311	• Open Cluster	Mon	10.0	06h 57m 48.0s	-4d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: A small open cluster in Monoceros with about 20 stars.</i>								
87	NGC 2324	• Open Cluster	Mon	8.4	07h 04m 12.0s	+1d 03' 0"	Easy	<input type="checkbox"/>
<i>Note: A rich open cluster in Monoceros with about 60 stars in a 7' area. Attractive at moderate magnification.</i>								
88	NGC 2335	• Open Cluster	Mon	7.2	07h 06m 36.0s	-10d 04' 60"	Easy	<input type="checkbox"/>
<i>Note: A scattered open cluster in Monoceros with about 35 stars spread over 12'.</i>								
89	NGC 2343	• Open Cluster	Mon	6.7	07h 08m 18.0s	-10d 39' 0"	Easy	<input type="checkbox"/>
<i>Note: A small open cluster in Monoceros with about 20 stars. Sparse but contains some bright members.</i>								
90	NGC 2354	• Open Cluster	CMa	6.5	07h 14m 18.0s	-25d 43' 60"	Easy	<input type="checkbox"/>
<i>Note: A large open cluster in Canis Major with about 60 stars spread over 18'. Best at low power.</i>								
91	NGC 2353	• Open Cluster	Mon	7.1	07h 14m 36.0s	-10d 18' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright open cluster in Monoceros with about 30 stars spread over 20'. Contains a mag 5.2 star at its heart.</i>								
92	NGC 2355	• Open Cluster	Gem	10.0	07h 16m 54.0s	+13d 46' 60"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Gemini with about 40 faint stars. Resolves nicely at higher magnification.</i>								
93	NGC 2360	• Open Cluster	CMa	7.2	07h 17m 48.0s	-15d 37' 0"	Easy	<input type="checkbox"/>
<i>Note: A rich, bright open cluster in Canis Major with about 80 stars. One of the finest winter clusters — beautiful at moderate magnification.</i>								

94	2362 C	• Open Cluster	CMa	4.1	07h 18m 48.0s	-24d 56' 60"	Easy	<input type="checkbox"/>
<i>Note: The Tau CMa Cluster — a compact, jewel-like cluster surrounding bright Tau Canis Majoris (mag 4.4). About 40 members. One of the youngest known clusters.</i>								
95	NGC 2371	• Planetary Nebula	Gem	13.0	07h 25m 36.0s	+29d 28' 60"	Impos.	<input type="checkbox"/>
<i>Note: A bright planetary nebula in Gemini — two lobes (NGC 2371/2372). Bipolar shape visible at high magnification. Central star visible in moderate aperture.</i>								
96	NGC 2372	• Planetary Nebula	Gem	99.0	07h 25m 36.0s	+29d 30' 0"	Impos.	<input type="checkbox"/>
<i>Note: The eastern lobe of the planetary nebula NGC 2371-2 in Gemini. Best observed together as a single bipolar object at high magnification.</i>								
97	NGC 2395	• Open Cluster	Gem	8.0	07h 27m 6.0s	+13d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: A sparse open cluster in Gemini with about 30 scattered stars across 12'.</i>								
98	Eskimo nebula NGC 2392	• Planetary Nebula	Gem	10.0	07h 29m 12.0s	+20d 55' 0"	Hard	<input type="checkbox"/>
<i>Note: The Eskimo Nebula — a bright planetary nebula in Gemini with a prominent central star. The surrounding 'parka' is visible in larger aperture. High surface brightness.</i>								
99	NGC 2421	• Open Cluster	Pup	8.3	07h 36m 18.0s	-20d 37' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Puppis with about 50 stars in a 10' area.</i>								
100	M47 NGC 2422	• Open Cluster	Pup	4.4	07h 36m 36.0s	-14d 30' 0"	Easy	<input type="checkbox"/>
<i>Note: M47 — a bright, scattered open cluster in Puppis. About 30 prominent stars with nice color contrasts. Naked-eye object under good skies.</i>								
101	NGC 2403	• Galaxy	Cam	8.4	07h 36m 54.0s	+65d 35' 60"	Easy	<input type="checkbox"/>
<i>Note: A large, bright face-on spiral galaxy in Camelopardalis. One of the nearest galaxies outside the Local Group. Large (18' x 10') with H II regions visible in larger aperture.</i>								
102	NGC 2423	• Open Cluster	Pup	6.7	07h 37m 6.0s	-13d 52' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Puppis just north of M47. About 40 stars in a 12' area. Nice paired view with M47.</i>								
103	NGC 2419	• Globular Cluster	Lyn	10.4	07h 38m 6.0s	+38d 52' 60"	Medium	<input type="checkbox"/>
<i>Note: The Intergalactic Wanderer — one of the most remote Milky Way globulars at 275,000 light-years. Small and compact, appearing almost stellar at low power.</i>								
104	NGC 2420	• Open Cluster	Gem	8.3	07h 38m 30.0s	+21d 34' 0"	Easy	<input type="checkbox"/>
<i>Note: A rich, compact open cluster in Gemini with about 70 faint stars. An old cluster, appearing as a hazy patch in smaller scopes.</i>								
105	NGC 2438	• Planetary Nebula	Pup	10.0	07h 41m 48.0s	-14d 43' 60"	Hard	<input type="checkbox"/>
<i>Note: A planetary nebula superimposed on the open cluster M46. A wonderful chance alignment — the nebula appears as a small gray ring among the cluster stars.</i>								
106	NGC 2440	• Planetary Nebula	Pup	11.0	07h 41m 54.0s	-18d 13' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A bright, compact planetary nebula in Puppis. Central star is one of the hottest known (200,000K). Small but high surface brightness. Best at high magnification.</i>								
107	NGC 2482	• Open Cluster	Pup	7.3	07h 54m 54.0s	-24d 18' 0"	Easy	<input type="checkbox"/>
<i>Note: A sparse open cluster in Puppis with about 30 stars in a 10' area.</i>								
108	NGC 2479	• Open Cluster	Pup	10.0	07h 55m 6.0s	-17d 43' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Puppis with about 40 stars spread over 9'. Moderate concentration.</i>								
109	NGC 2489	• Open Cluster	Pup	7.9	07h 56m 12.0s	-30d 04' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Puppis with about 30 stars in a 5' area.</i>								
110	NGC 2506	• Open Cluster	Mon	7.6	08h 00m 12.0s	-10d 46' 60"	Easy	<input type="checkbox"/>
<i>Note: A rich, distant open cluster in Monoceros with about 150 faint stars. Resolves beautifully in 8"+.</i>								
111	NGC 2509	• Open Cluster	Pup	9.0	08h 00m 42.0s	-19d 04' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Puppis with about 30 stars. Moderate concentration.</i>								
112	NGC 2527	• Open Cluster	Pup	6.5	08h 05m 18.0s	-28d 10' 0"	Easy	<input type="checkbox"/>
<i>Note: A large, scattered open cluster in Puppis with about 40 stars spread over 20'.</i>								
113	NGC 2539	• Open Cluster	Pup	6.5	08h 10m 42.0s	-12d 49' 60"	Easy	<input type="checkbox"/>
<i>Note: A rich open cluster in Puppis with about 50 stars spread over 15'. Contains a prominent bright star near the edge.</i>								
114	M48 NGC 2548	• Open Cluster	Hya	5.8	08h 13m 48.0s	-5d 47' 60"	Easy	<input type="checkbox"/>
<i>Note: M48 — a large, bright open cluster in Hydra with about 80 stars spread over 30'. Best at low power. Contains nice color contrasts.</i>								

115	NGC 2567	• Open Cluster	Pup	7.4	08h 18m 36.0s	-30d 37' 60"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Puppis with about 30 stars in a 7' area.</i>								
116	NGC 2571	• Open Cluster	Pup	7.0	08h 18m 54.0s	-29d 43' 60"	Easy	<input type="checkbox"/>
<i>Note: A scattered open cluster in Puppis with about 30 stars.</i>								
117	NGC 2613	• Galaxy	Pyx	10.4	08h 33m 24.0s	-22d 58' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright edge-on spiral galaxy in Pyxis. About 7' x 2'. Resembles a smaller NGC 891.</i>								
118	NGC 2627	• Open Cluster	Pyx	8.0	08h 37m 18.0s	-29d 56' 60"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Pyxis with about 40 stars in a 10' area.</i>								
119	NGC 2683	• Galaxy	Lyn	9.7	08h 52m 42.0s	+33d 25' 0"	Easy	<input type="checkbox"/>
<i>Note: A highly elongated, bright edge-on spiral galaxy in Lynx. About 9' x 2'. Sometimes called the 'UFO Galaxy'. Beautiful streak.</i>								
120	NGC 2681	• Galaxy	UMa	10.3	08h 53m 30.0s	+51d 19' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Ursa Major with a prominent, almost stellar nucleus. Multiple ring structures visible in larger aperture.</i>								
121	NGC 2655	• Galaxy	Cam	10.1	08h 55m 36.0s	+78d 13' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Camelopardalis with a prominent nucleus. About 5' x 4'. A Seyfert galaxy.</i>								
122	NGC 2742	• Galaxy	UMa	11.7	09h 07m 36.0s	+60d 28' 60"	Impos.	<input type="checkbox"/>
<i>Note: A spiral galaxy in Ursa Major. Elongated and moderately bright. About 3' x 1.5'.</i>								
123	NGC 2775	• Galaxy	Cnc	10.3	09h 10m 18.0s	+7d 01' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Cancer with a smooth disk and bright nucleus. About 4' x 3'. Unusually uniform appearance.</i>								
124	NGC 2768	• Galaxy	UMa	10.0	09h 11m 36.0s	+60d 01' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Ursa Major with a prominent elongated shape. About 6' x 3'. Easy to spot.</i>								
125	NGC 2782	• Galaxy	Lyn	11.5	09h 14m 6.0s	+40d 07' 0"	Medium	<input type="checkbox"/>
<i>Note: A peculiar spiral galaxy in Lynx with an asymmetric shape from a past interaction. Compact and fairly bright.</i>								
126	NGC 2811	• Galaxy	Hya	11.3	09h 16m 12.0s	-16d 19' 0"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Hydra. Elongated and moderately bright. About 3' x 1'.</i>								
127	NGC 2787	• Galaxy	UMa	10.8	09h 19m 18.0s	+69d 12' 0"	Medium	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Ursa Major with a bright, elongated core. Contains a faint inner ring.</i>								
128	NGC 2841	• Galaxy	UMa	9.3	09h 22m 0.0s	+50d 58' 0"	Easy	<input type="checkbox"/>
<i>Note: A beautiful, bright spiral galaxy in Ursa Major with tightly wound arms. About 8' x 3.5'. A classic target.</i>								
129	NGC 2859	• Galaxy	LMi	10.7	09h 24m 18.0s	+34d 31' 0"	Medium	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Leo Minor with an outer ring structure. Unusual morphology. About 4' x 3.5'.</i>								
130	NGC 2903	• Galaxy	Leo	8.9	09h 32m 12.0s	+21d 30' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright barred spiral galaxy in Leo — large (13' x 6') with visible bar and spiral arms. Surprisingly not in the Messier catalog.</i>								
131	NGC 2938	• Galaxy	Dra	14.0	09h 38m 18.0s	+76d 19' 0"	Impos.	<input type="checkbox"/>
<i>Note: A faint galaxy in Hydra. Small and requires moderate aperture.</i>								
132	NGC 2950	• Galaxy	UMa	11.0	09h 42m 36.0s	+58d 51' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright barred lenticular galaxy in Ursa Major. Small (3' x 1.5') but with a distinctive bright bar.</i>								
133	NGC 2974	• Galaxy	Sex	10.8	09h 42m 36.0s	-3d 42' 0"	Easy	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Sextans. Bright and compact with a star-like nucleus. About 3.5' x 2'.</i>								
134	NGC 2964	• Galaxy	Leo	11.3	09h 42m 54.0s	+31d 51' 0"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Leo. Moderately bright and elongated, about 3' x 1.5'.</i>								
135	NGC 2976	• Galaxy	UMa	10.2	09h 47m 18.0s	+67d 55' 0"	Hard	<input type="checkbox"/>
<i>Note: An irregular galaxy in Ursa Major, part of the M81 group. About 6' x 3'. Diffuse but detectable.</i>								
136	NGC 2985	• Galaxy	UMa	10.5	09h 50m 24.0s	+72d 16' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright face-on spiral galaxy in Ursa Major with a prominent nucleus and tightly wound arms. About 4.5' across.</i>								

137	M82 NGC 3034	• Galaxy	UMa	8.4	09h 55m 48.0s	+69d 40' 60"	Easy	<input type="checkbox"/>
<i>Note: M82 — the Cigar Galaxy. A bright edge-on starburst galaxy paired with M81. Irregular, mottled texture visible in moderate aperture. About 11' x 4'.</i>								
138	NGC 3079	• Galaxy	UMa	10.6	10h 01m 60.0s	+55d 40' 60"	Medium	<input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Ursa Major with a bright core. About 8' x 1.5'. Contains a nuclear 'super-bubble'.</i>								
139	NGC 3077	• Galaxy	UMa	9.9	10h 03m 18.0s	+68d 43' 60"	Hard	<input type="checkbox"/>
<i>Note: A peculiar galaxy in Ursa Major, part of the M81/M82 group. Small and diffuse but easy to locate near its famous neighbors.</i>								
140	Spindle galaxy NGC 3115	• Galaxy	Sex	9.2	10h 05m 12.0s	-7d 43' 0"	Easy	<input type="checkbox"/>
<i>Note: The Spindle Galaxy — a bright edge-on lenticular galaxy in Sextans. Very elongated (7' x 2.5') with a bright central bulge.</i>								
141	NGC 3166	• Galaxy	Sex	10.6	10h 13m 48.0s	+3d 25' 60"	Easy	<input type="checkbox"/>
<i>Note: A spiral galaxy in Sextans forming a close pair with NGC 3169 just 8' away. Both visible in the same eyepiece field.</i>								
142	NGC 3169	• Galaxy	Sex	10.5	10h 14m 12.0s	+3d 28' 0"	Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Sextans paired with NGC 3166. About 4.5' x 3'. A nice sight at moderate magnification.</i>								
143	NGC 3147	• Galaxy	Dra	10.7	10h 16m 54.0s	+73d 24' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright face-on spiral galaxy in Draco. About 4' across with a prominent nucleus. A Seyfert 2 galaxy.</i>								
144	NGC 3190	• Galaxy	Leo	11.0	10h 18m 6.0s	+21d 49' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright edge-on spiral galaxy in Leo, part of Hickson 44 galaxy group. About 4.5' x 1.5'. The group is attractive.</i>								
145	NGC 3184	• Galaxy	UMa	9.8	10h 18m 18.0s	+41d 25' 0"	Hard	<input type="checkbox"/>
<i>Note: A large face-on spiral galaxy in Ursa Major. About 7.5' across but low surface brightness.</i>								
146	NGC 3193	• Galaxy	Leo	10.9	10h 18m 24.0s	+21d 53' 60"	Easy	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Leo near NGC 3190, part of Hickson 44. Small and round with a bright core.</i>								
147	NGC 3198	• Galaxy	UMa	10.4	10h 19m 54.0s	+45d 32' 60"	Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Ursa Major. Elongated and moderately bright. About 8' x 3'.</i>								
148	NGC 3226	• Galaxy	Leo	11.4	10h 23m 24.0s	+19d 53' 60"	Medium	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Leo forming a close interacting pair with NGC 3227. Connected by a faint bridge of material.</i>								
149	NGC 3227	• Galaxy	Leo	10.8	10h 23m 30.0s	+19d 52' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral Seyfert galaxy in Leo paired with NGC 3226. The interacting pair is a fine sight at moderate magnification.</i>								
150	Ghost of Jupiter NGC 3242	• Planetary Nebula	Hya	9.0	10h 24m 48.0s	-18d 37' 60"	Medium	<input type="checkbox"/>
<i>Note: The Ghost of Jupiter — a bright, blue-green planetary nebula in Hydra. Vivid color, clearly defined disk. One of the finest planetaries in the sky.</i>								
151	NGC 3245	• Galaxy	LMi	10.8	10h 27m 18.0s	+28d 30' 0"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Leo Minor. Elongated and moderately bright with a prominent nucleus.</i>								
152	NGC 3277	• Galaxy	LMi	11.7	10h 32m 54.0s	+28d 31' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Leo Minor. Small and round with a bright core. About 2' across.</i>								
153	NGC 3294	• Galaxy	LMi	11.7	10h 36m 18.0s	+37d 19' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Leo Minor. Elongated, about 3.5' x 1.5'.</i>								
154	NGC 3310	• Galaxy	UMa	10.9	10h 38m 42.0s	+53d 30' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright, compact face-on spiral galaxy in Ursa Major. Notable for intense star formation. Unusually high surface brightness.</i>								
155	NGC 3344	• Galaxy	LMi	10.0	10h 43m 30.0s	+24d 55' 0"	Hard	<input type="checkbox"/>
<i>Note: A face-on barred spiral galaxy in Leo Minor. About 7' across but low surface brightness. The bright nucleus is easiest to spot.</i>								
156	NGC 3377	• Galaxy	Leo	10.2	10h 47m 42.0s	+13d 58' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Leo. Small and elongated with a bright core. Part of the Leo I galaxy group.</i>								
157	M105 NGC 3379	• Galaxy	Leo	9.3	10h 47m 48.0s	+12d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: M105 — a bright elliptical galaxy in Leo. Round and featureless with a bright center. About 5' across.</i>								

158	NGC 3384	• Galaxy	Leo	10.0	10h 48m 18.0s	+12d 37' 60"	Easy	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Leo near M105. Elongated and bright. Forms a trio with M105 and NGC 3389.</i>								
159	NGC 3395	• Galaxy	LMi	12.1	10h 49m 48.0s	+32d 58' 60"	Impos.	<input type="checkbox"/>
<i>Note: A pair of interacting galaxies in Leo Minor (with NGC 3396). Both visible as a close, distorted pair in moderate aperture.</i>								
160	NGC 3412	• Galaxy	Leo	10.6	10h 50m 54.0s	+13d 25' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Leo. Elongated and smooth with a prominent nucleus. About 4' x 2'.</i>								
161	NGC 3414	• Galaxy	LMi	10.8	10h 51m 18.0s	+27d 58' 60"	Medium	<input type="checkbox"/>
<i>Note: A peculiar lenticular galaxy in Leo Minor with an unusual dust lane. About 3.5' x 2.5'.</i>								
162	NGC 3432	• Galaxy	LMi	11.3	10h 52m 30.0s	+36d 37' 0"	Medium	<input type="checkbox"/>
<i>Note: An edge-on galaxy in Leo Minor. Thin and elongated, about 6' x 1'. Interacting with a small companion.</i>								
163	NGC 3489	• Galaxy	Leo	10.3	11h 00m 18.0s	+13d 54' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Leo. Compact and high surface brightness. About 3.5' x 2'. Easy to spot.</i>								
164	NGC 3486	• Galaxy	LMi	10.3	11h 00m 24.0s	+28d 58' 0"	Medium	<input type="checkbox"/>
<i>Note: A face-on barred spiral galaxy in Leo Minor. About 7' across but fairly low surface brightness.</i>								
165	NGC 3504	• Galaxy	LMi	11.1	11h 03m 12.0s	+27d 58' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright barred spiral galaxy in Leo Minor with an active nucleus and prominent bar. About 3' x 2'.</i>								
166	NGC 3521	• Galaxy	Leo	8.9	11h 05m 48.0s	+0d 01' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright, large spiral galaxy in Leo with a mottled, patchy appearance. About 11' x 5'. Nearly as bright as many Messier objects.</i>								
167	M108 NGC 3556	• Galaxy	UMa	10.1	11h 11m 30.0s	+55d 40' 0"	Hard	<input type="checkbox"/>
<i>Note: M108 — a bright edge-on galaxy in Ursa Major near the Owl Nebula (M97). About 8' x 2'. Mottled texture visible.</i>								
168	NGC 3593	• Galaxy	Leo	11.0	11h 14m 36.0s	+12d 49' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Leo. Elongated about 5' x 2' with a prominent nucleus.</i>								
169	NGC 3607	• Galaxy	Leo	10.0	11h 16m 54.0s	+18d 03' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Leo forming a trio with NGC 3608 and NGC 3605. The group fits in one field.</i>								
170	NGC 3608	• Galaxy	Leo	11.0	11h 16m 60.0s	+18d 08' 60"	Medium	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Leo near NGC 3607. About 3' x 2.5'. Nice pair.</i>								
171	NGC 3621	• Galaxy	Hya	10.0	11h 18m 18.0s	-32d 49' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Hydra. About 12' x 7'. Large but low in declination for northern observers.</i>								
172	NGC 3610	• Galaxy	UMa	10.8	11h 18m 24.0s	+58d 46' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Ursa Major. Compact with a very bright core. About 3' across.</i>								
173	NGC 3613	• Galaxy	UMa	12.0	11h 18m 36.0s	+58d 00' 0"	Medium	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Ursa Major. Elongated about 4' x 2' with a bright nucleus.</i>								
174	NGC 3619	• Galaxy	UMa	13.0	11h 19m 24.0s	+57d 46' 0"	Hard	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Ursa Major. About 3' x 2.5'. Has a faint outer ring.</i>								
175	NGC 3626	• Galaxy	Leo	10.9	11h 20m 6.0s	+18d 21' 0"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Leo. About 3' x 2' with a bright core. Contains a counter-rotating gas disk.</i>								
176	Hamburger Galaxy NGC 3628	• Galaxy	Leo	9.5	11h 20m 18.0s	+13d 35' 60"	Medium	<input type="checkbox"/>
<i>Note: The Hamburger Galaxy — an edge-on spiral in Leo completing the Leo Triplet with M65 and M66. A prominent dust lane bisects its 15' length.</i>								
177	NGC 3631	• Galaxy	UMa	10.4	11h 20m 60.0s	+53d 10' 0"	Hard	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Ursa Major. About 5' across. Spiral arms visible in larger aperture.</i>								
178	NGC 3640	• Galaxy	Leo	10.3	11h 21m 6.0s	+3d 13' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Leo. About 4' x 3' with a bright, round core.</i>								
179	NGC 3655	• Galaxy	Leo	11.6	11h 22m 54.0s	+16d 34' 60"	V.Hard	<input type="checkbox"/>

Note: A spiral galaxy in Leo. Small but fairly bright. About 1.5' x 1'.

180	NGC 3665	• Galaxy	UMa	10.8	11h 24m 42.0s	+38d 46' 0"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Ursa Major. About 4' x 3' with a bright, smooth profile.</i>								
181	NGC 3675	• Galaxy	UMa	11.0	11h 26m 6.0s	+43d 34' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright edge-on spiral galaxy in Ursa Major. About 6' x 2'. Nice elongated shape with a bright core.</i>								
182	NGC 3686	• Galaxy	Leo	11.4	11h 27m 42.0s	+17d 13' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Leo. About 3' x 2.5'. Moderately bright.</i>								
183	NGC 3726	• Galaxy	UMa	10.4	11h 33m 18.0s	+47d 01' 60"	Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Ursa Major. About 6' x 4'. Face-on with relatively low surface brightness.</i>								
184	NGC 3729	• Galaxy	UMa	11.4	11h 33m 48.0s	+53d 07' 60"	Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Ursa Major near NGC 3726. About 3' x 2'. The pair makes an interesting comparison.</i>								
185	NGC 3810	• Galaxy	Leo	10.8	11h 41m 0.0s	+11d 28' 0"	Medium	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Leo. About 4' x 3'. Well-defined spiral arms visible in larger aperture.</i>								
186	NGC 3813	• Galaxy	UMa	11.7	11h 41m 18.0s	+36d 32' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Ursa Major. Elongated about 2.5' x 1'. Compact and fairly bright core.</i>								
187	NGC 3877	• Galaxy	UMa	12.0	11h 46m 6.0s	+47d 30' 0"	Hard	<input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Ursa Major near Chi UMa. About 5.5' x 1'. Thin and elegant.</i>								
188	NGC 3893	• Galaxy	UMa	11.0	11h 48m 36.0s	+48d 43' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Ursa Major with a small companion NGC 3896. About 4' x 2.5'. Nice pair.</i>								
189	NGC 3898	• Galaxy	UMa	10.8	11h 49m 12.0s	+56d 04' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Ursa Major. About 4.5' x 2.5' with a prominent nucleus and tightly wound arms.</i>								
190	NGC 3900	• Galaxy	Leo	11.4	11h 49m 12.0s	+27d 01' 0"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Leo. Elongated about 3' x 1.5'. Moderate brightness.</i>								
191	NGC 3912	• Galaxy	Leo	13.0	11h 50m 6.0s	+26d 28' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Leo. Small about 2' x 1'. Fairly faint.</i>								
192	NGC 3938	• Galaxy	UMa	10.4	11h 52m 48.0s	+44d 07' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Ursa Major. About 5' across. Nearly circular with a bright nucleus.</i>								
193	NGC 3941	• Galaxy	UMa	11.0	11h 52m 54.0s	+36d 58' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright barred lenticular galaxy in Ursa Major. About 3.5' x 2.5' with a prominent bar. Easy to spot.</i>								
194	NGC 3945	• Galaxy	UMa	10.6	11h 53m 12.0s	+60d 40' 60"	Easy	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Ursa Major with a bright inner ring. About 5' x 3.5'. Unusual morphology.</i>								
195	NGC 3949	• Galaxy	UMa	11.0	11h 53m 42.0s	+47d 52' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Ursa Major similar in size and type to the Milky Way. About 3' x 2'. Moderately bright.</i>								
196	NGC 3953	• Galaxy	UMa	10.1	11h 53m 48.0s	+52d 19' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright barred spiral galaxy in Ursa Major. About 7' x 4'. Bright bar and spiral arms visible.</i>								
197	NGC 3962	• Galaxy	Crt	10.6	11h 54m 42.0s	-13d 58' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Crater. About 3' x 2.5' with a bright core.</i>								
198	NGC 3982	• Galaxy	UMa	12.0	11h 56m 30.0s	+55d 07' 60"	Hard	<input type="checkbox"/>
<i>Note: A small, bright face-on spiral galaxy in Ursa Major. About 2.5' across. Compact with a star-like nucleus.</i>								
199	M109 NGC 3992	• Galaxy	UMa	9.8	11h 57m 36.0s	+53d 22' 60"	Hard	<input type="checkbox"/>
<i>Note: M109 — a bright barred spiral galaxy near Gamma UMa. About 8' x 5'. The bar and spiral arms are visible in moderate aperture.</i>								
200	NGC 3998	• Galaxy	UMa	10.6	11h 57m 54.0s	+55d 27' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Ursa Major with an active nucleus. Small but high surface brightness.</i>								
201	NGC 4026	• Galaxy	UMa	12.0	11h 59m 24.0s	+50d 58' 0"	Medium	<input type="checkbox"/>

Note: A bright edge-on lenticular galaxy in Ursa Major. About 5' x 1'. Clean, spindle-shaped profile.

202	NGC 4027	• Galaxy	Crv	11.1	11h 59m 30.0s	-19d 16' 0"	Hard	<input type="checkbox"/>
<i>Note: A peculiar one-armed spiral galaxy in Corvus. About 3' x 2.5'. The asymmetric arm is result of a past interaction.</i>								
203	NGC 4030	• Galaxy	Vir	12.0	12h 00m 24.0s	-1d 06' 0"	Impos.	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Virgo. About 4' x 3' with multi-arm spiral structure visible in larger aperture.</i>								
204	NGC 4036	• Galaxy	UMa	10.6	12h 01m 24.0s	+61d 53' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Ursa Major. Elongated about 4' x 1.5' with prominent dust lanes.</i>								
205	Antennae NGC 4038	• Galaxy	Crv	10.7	12h 01m 54.0s	-18d 52' 0"	Hard	<input type="checkbox"/>
<i>Note: The Antennae Galaxies (with NGC 4039) — the nearest example of colliding galaxies. Two interacting nuclei visible in moderate aperture.</i>								
206	NGC 4041	• Galaxy	UMa	11.1	12h 02m 12.0s	+62d 07' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Ursa Major. About 3' across with a bright nucleus.</i>								
207	NGC 4051	• Galaxy	UMa	10.3	12h 03m 12.0s	+44d 31' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright face-on Seyfert galaxy in Ursa Major. About 5.5' x 4'. Well-known for its variable active nucleus.</i>								
208	NGC 4085	• Galaxy	UMa	12.3	12h 05m 24.0s	+50d 21' 0"	Impos.	<input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Ursa Major near NGC 4088. About 3' x 0.8'. A thin streak.</i>								
209	NGC 4088	• Galaxy	UMa	10.5	12h 05m 36.0s	+50d 32' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright, warped spiral galaxy in Ursa Major. About 6' x 2'. Disturbed shape from interaction with NGC 4085.</i>								
210	NGC 4102	• Galaxy	UMa	12.0	12h 06m 24.0s	+52d 43' 0"	Hard	<input type="checkbox"/>
<i>Note: A bright barred spiral galaxy in Ursa Major. About 3' x 2'. Compact with a very bright core.</i>								
211	NGC 4111	• Galaxy	CVn	10.8	12h 07m 6.0s	+43d 04' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright edge-on lenticular galaxy in Canes Venatici. About 4.5' x 1'. Fine spindle shape with a bright nucleus.</i>								
212	NGC 4143	• Galaxy	CVn	12.0	12h 09m 36.0s	+42d 31' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Canes Venatici. About 2.5' x 2' with a strong central concentration.</i>								
213	NGC 4147	• Globular Cluster	Com	10.3	12h 10m 6.0s	+18d 33' 0"	Medium	<input type="checkbox"/>
<i>Note: A small, moderately bright globular cluster in Coma Berenices. Compact, requires 8"+ to begin resolving stars.</i>								
214	NGC 4151	• Galaxy	CVn	10.4	12h 10m 30.0s	+39d 23' 60"	Easy	<input type="checkbox"/>
<i>Note: The 'Eye of Sauron' — one of the brightest Seyfert galaxies. Intensely bright, variable active nucleus makes it easy to find.</i>								
215	NGC 4150	• Galaxy	Com	11.7	12h 10m 36.0s	+30d 23' 60"	Medium	<input type="checkbox"/>
<i>Note: A small lenticular galaxy in Coma Berenices. About 2' x 1.5'. Compact but relatively bright.</i>								
216	NGC 4179	• Galaxy	Vir	10.9	12h 12m 54.0s	+1d 18' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo. Highly elongated, about 4' x 1'. Clean profile.</i>								
217	NGC 4203	• Galaxy	Com	10.7	12h 15m 6.0s	+33d 12' 0"	Easy	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Coma Berenices. About 3.5' x 3'. Bright and round.</i>								
218	NGC 4214	• Galaxy	CVn	9.7	12h 15m 36.0s	+36d 19' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright irregular galaxy in Canes Venatici. About 8' x 6.5'. Large with mottled texture from star-forming regions.</i>								
219	NGC 4216	• Galaxy	Vir	10.0	12h 15m 54.0s	+13d 09' 0"	Easy	<input type="checkbox"/>
<i>Note: A beautiful edge-on spiral galaxy in Virgo. About 8' x 2'. One of the finest edge-on galaxies in the Virgo Cluster.</i>								
220	NGC 4245	• Galaxy	Com	11.4	12h 17m 36.0s	+29d 36' 0"	Medium	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Coma Berenices. About 3' x 2.5' with a prominent bar.</i>								
221	NGC 4251	• Galaxy	Com	12.0	12h 18m 6.0s	+28d 10' 0"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Coma Berenices. Elongated about 3.5' x 1.5'.</i>								
222	M106 NGC 4258	• Galaxy	CVn	8.3	12h 18m 60.0s	+47d 17' 60"	Easy	<input type="checkbox"/>
<i>Note: M106 — a bright, large spiral galaxy in Canes Venatici. About 19' x 7.5'. One of the finest spring galaxies.</i>								

223	NGC 4261	• Galaxy	Vir	10.3	12h 19m 24.0s	+5d 49' 0"	Easy	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Virgo. About 4' x 3.5'. Home to a famous supermassive black hole.</i>								
224	NGC 4274	• Galaxy	Com	10.4	12h 19m 48.0s	+29d 37' 0"	Medium	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Coma Berenices. About 7' x 2.5'. Elongated with a bright bar.</i>								
225	NGC 4273	• Galaxy	Vir	11.9	12h 19m 54.0s	+5d 20' 60"	Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Virgo. About 2.5' x 1.5'. Part of the Virgo Cluster outskirts.</i>								
226	NGC 4278	• Galaxy	Com	10.2	12h 20m 6.0s	+29d 16' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Coma Berenices forming a pair with NGC 4283. About 4' x 3.5'. Bright and easy.</i>								
227	NGC 4281	• Galaxy	Vir	11.3	12h 20m 24.0s	+5d 22' 60"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Virgo near NGC 4273. About 3' x 1.5'.</i>								
228	NGC 4293	• Galaxy	Com	11.0	12h 21m 12.0s	+18d 22' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A peculiar barred spiral galaxy in Coma Berenices. About 5.5' x 3'. Contains unusual dust structures.</i>								
229	M61 NGC 4303	• Galaxy	Vir	9.7	12h 21m 54.0s	+4d 28' 0"	Hard	<input type="checkbox"/>
<i>Note: M61 — a bright face-on barred spiral in Virgo. About 6.5' across. Multiple supernovae detected here.</i>								
230	NGC 4314	• Galaxy	Com	10.5	12h 22m 36.0s	+29d 52' 60"	Medium	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Coma Berenices. About 4' x 3.5'. Notable for a nuclear ring of star formation.</i>								
231	NGC 4346	• Galaxy	CVn	12.0	12h 23m 30.0s	+47d 00' 0"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Canes Venatici. Elongated about 3' x 1'. Clean profile.</i>								
232	NGC 4350	• Galaxy	Com	11.1	12h 24m 0.0s	+16d 41' 60"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Coma Berenices. Elongated about 3' x 1'. In the Virgo Cluster.</i>								
233	NGC 4361	• Planetary Nebula	Crv	10.0	12h 24m 30.0s	-18d 48' 0"	Hard	<input type="checkbox"/>
<i>Note: A large, bright planetary nebula in Corvus. About 1.3' across with a bright central star. Round and well-defined.</i>								
234	NGC 4365	• Galaxy	Vir	11.0	12h 24m 30.0s	+7d 19' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Virgo. About 7' x 5'. One of the larger ellipticals in the Virgo Cluster.</i>								
235	NGC 4371	• Galaxy	Vir	10.8	12h 24m 54.0s	+11d 41' 60"	Medium	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Virgo. About 4' x 2'. Part of the Virgo Cluster.</i>								
236	NGC 4394	• Galaxy	Com	10.9	12h 25m 54.0s	+18d 13' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Coma Berenices. About 3.5' x 3'. Near M85 in the Virgo Cluster.</i>								
237	NGC 4414	• Galaxy	Com	10.3	12h 26m 24.0s	+31d 13' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright, tightly wound spiral in Coma Berenices. About 3.5' x 2'. Used as a Cepheid distance calibrator by HST.</i>								
238	NGC 4419	• Galaxy	Com	11.1	12h 26m 54.0s	+15d 03' 0"	Medium	<input type="checkbox"/>
<i>Note: An edge-on barred spiral in Coma Berenices. About 3.5' x 1'. In the Virgo Cluster.</i>								
239	NGC 4429	• Galaxy	Vir	10.2	12h 27m 24.0s	+11d 07' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo. About 5.5' x 2.5'. One of the brighter Virgo Cluster members.</i>								
240	The Eyes NGC 4435	• Galaxy	Vir	10.9	12h 27m 42.0s	+13d 04' 60"	Medium	<input type="checkbox"/>
<i>Note: The northern component of 'The Eyes' in Virgo (with NGC 4438). Compact lenticular. The pair is a striking sight.</i>								
241	The Eyes NGC 4438	• Galaxy	Vir	10.1	12h 27m 48.0s	+13d 01' 0"	Medium	<input type="checkbox"/>
<i>Note: The southern component of 'The Eyes' — heavily distorted by interaction with NGC 4435. About 9' x 3'. One of the most disrupted Virgo galaxies.</i>								
242	NGC 4442	• Galaxy	Vir	10.5	12h 28m 6.0s	+9d 48' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright barred lenticular galaxy in Virgo. About 4.5' x 2'. Strong central bar visible.</i>								
243	NGC 4448	• Galaxy	Com	11.1	12h 28m 12.0s	+28d 37' 0"	Medium	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Coma Berenices. About 4' x 1.5'. Elongated.</i>								
244	NGC 4449	• Galaxy	CVn	9.4	12h 28m 12.0s	+44d 06' 0"	Easy	<input type="checkbox"/>

<i>Note: A bright irregular galaxy in Canes Venatici undergoing intense star formation. About 6' x 4'. Mottled with bright knots. A Magellanic-type galaxy.</i>								
245	NGC 4450	• Galaxy	Com	10.1	12h 28m 30.0s	+17d 04' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Coma Berenices. About 5' x 4'. Nearly face-on with a prominent nucleus.</i>								
246	NGC 4459	• Galaxy	Com	10.4	12h 28m 60.0s	+13d 58' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Coma Berenices. About 3.5' x 2.5'. Smooth and bright in the Virgo Cluster.</i>								
247	NGC 4473	• Galaxy	Com	10.2	12h 29m 48.0s	+13d 25' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Coma Berenices. About 4.5' x 2.5'. Elongated with a bright core.</i>								
248	NGC 4477	• Galaxy	Com	10.4	12h 30m 0.0s	+13d 37' 60"	Easy	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Coma Berenices. About 4' x 3.5'. In the Virgo Cluster.</i>								
249	NGC 4478	• Galaxy	Vir	11.2	12h 30m 18.0s	+12d 19' 60"	Medium	<input type="checkbox"/>
<i>Note: A small elliptical galaxy in Virgo near M87. About 2' x 1.5'. Often seen in the same field as the giant M87.</i>								
250	NGC 4485	• Galaxy	CVn	12.0	12h 30m 30.0s	+41d 42' 0"	Impos.	<input type="checkbox"/>
<i>Note: An irregular galaxy in Canes Venatici interacting with NGC 4490. A distorted knot connected to its larger companion.</i>								
251	NGC 4490	• Galaxy	CVn	9.8	12h 30m 36.0s	+41d 37' 60"	Easy	<input type="checkbox"/>
<i>Note: The Cocoon Galaxy, interacting with NGC 4485. About 6' x 3'. Bright and elongated with irregular shape. A rewarding pair.</i>								
252	NGC 4494	• Galaxy	Com	9.9	12h 31m 24.0s	+25d 46' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Coma Berenices. About 4.5' x 3.5'. Round and bright with a prominent nucleus.</i>								
253	NGC 4526	• Galaxy	Vir	9.6	12h 33m 60.0s	+7d 42' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo. About 7' x 2.5'. One of the brighter Virgo Cluster edge-on galaxies.</i>								
254	NGC 4527	• Galaxy	Vir	10.4	12h 34m 6.0s	+2d 38' 60"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Virgo. About 6' x 2'. Elongated with a moderately bright core.</i>								
255	NGC 4535	• Galaxy	Vir	9.8	12h 34m 18.0s	+8d 11' 60"	Hard	<input type="checkbox"/>
<i>Note: The Lost Galaxy — a face-on barred spiral in Virgo. About 7' x 5'. Low surface brightness, though the core is visible.</i>								
256	NGC 4536	• Galaxy	Vir	10.4	12h 34m 30.0s	+2d 10' 60"	Hard	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Virgo. About 7.5' x 3.5'. Elongated with a bright nucleus.</i>								
257	M91 NGC 4548	• Galaxy	Com	10.2	12h 35m 24.0s	+14d 30' 0"	Hard	<input type="checkbox"/>
<i>Note: M91 — a barred spiral galaxy in Coma Berenices. About 5.5' x 4.5'. The bar is visible at moderate magnification.</i>								
258	NGC 4546	• Galaxy	Vir	10.3	12h 35m 30.0s	-3d 47' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo. About 3.5' x 1.5'. Highly elongated with a bright center.</i>								
259	NGC 4550	• Galaxy	Vir	11.6	12h 35m 30.0s	+12d 13' 0"	Medium	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Virgo. About 3' x 1'. Notable for counter-rotating stellar disks.</i>								
260	NGC 4559	• Galaxy	Com	9.9	12h 35m 60.0s	+27d 58' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright, large spiral galaxy in Coma Berenices. About 11' x 4.5'. Elongated with a bright core.</i>								
261	NGC 4565	• Galaxy	Com	9.6	12h 36m 18.0s	+25d 58' 60"	Easy	<input type="checkbox"/>
<i>Note: The Needle Galaxy — one of the finest edge-on spirals in the sky. A spectacular 16' x 2' streak with a prominent dust lane. A must-see.</i>								
262	NGC 4570	• Galaxy	Vir	10.9	12h 36m 54.0s	+7d 15' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo. About 4' x 1'. Very elongated, spindle-shaped.</i>								
263	NGC 4596	• Galaxy	Vir	10.5	12h 39m 54.0s	+10d 10' 60"	Easy	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Virgo. About 4' x 3'. Has a prominent inner ring.</i>								
264	M104 NGC 4594	• Galaxy	Vir	8.3	12h 39m 60.0s	-11d 37' 0"	Easy	<input type="checkbox"/>
<i>Note: M104 — the Sombrero Galaxy. Famous edge-on galaxy with brilliant core and dark dust lane. About 9' x 4'. One of the most rewarding galaxies.</i>								
265	NGC 4618	• Galaxy	CVn	10.8	12h 41m 30.0s	+41d 08' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A one-armed spiral galaxy in Canes Venatici. About 4' x 3.5'. Interacting with NGC 4625.</i>								

266	NGC 4631	• Galaxy	CVn	9.3	12h 42m 6.0s	+32d 31' 60"	Easy	<input type="checkbox"/>
<i>Note: The Whale Galaxy — a large, bright edge-on galaxy in Canes Venatici. About 15' x 3'. Warped and irregular with companion NGC 4627.</i>								
267	NGC 4636	• Galaxy	Vir	9.6	12h 42m 48.0s	+2d 40' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Virgo. About 6' x 5'. One of the larger ellipticals in the Virgo Cluster.</i>								
268	NGC 4643	• Galaxy	Vir	10.6	12h 43m 18.0s	+1d 58' 60"	Easy	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Virgo. About 3' x 2.5'. Bright bar visible.</i>								
269	NGC 4654	• Galaxy	Vir	10.5	12h 43m 60.0s	+13d 07' 60"	Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Virgo. About 5' x 3'. Asymmetric from ram-pressure stripping in the Virgo Cluster.</i>								
270	NGC 4656	• Galaxy	CVn	10.4	12h 43m 60.0s	+32d 10' 0"	Medium	<input type="checkbox"/>
<i>Note: The Hockey Stick Galaxy — a highly distorted edge-on galaxy in Canes Venatici. About 15' x 3'. Dramatic bent shape.</i>								
271	NGC 4660	• Galaxy	Vir	11.0	12h 44m 30.0s	+11d 10' 60"	Medium	<input type="checkbox"/>
<i>Note: A compact elliptical galaxy in Virgo. About 2' x 1.5'. Small but bright.</i>								
272	NGC 4665	• Galaxy	Vir	12.0	12h 45m 6.0s	+3d 02' 60"	Hard	<input type="checkbox"/>
<i>Note: A barred lenticular galaxy in Virgo. About 4' x 3.5'. Prominent bar.</i>								
273	NGC 4666	• Galaxy	Vir	10.8	12h 45m 6.0s	+0d 28' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright edge-on spiral galaxy in Virgo. About 4.5' x 1.5'. Known as a superwind galaxy.</i>								
274	NGC 4689	• Galaxy	Com	10.9	12h 47m 48.0s	+13d 46' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Coma Berenices. About 4' x 3.5'. Face-on, low surface brightness.</i>								
275	NGC 4698	• Galaxy	Vir	10.7	12h 48m 24.0s	+8d 28' 60"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Virgo. About 4' x 2.5'. Notable for its perpendicular nuclear disk.</i>								
276	NGC 4697	• Galaxy	Vir	9.3	12h 48m 36.0s	-5d 47' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Virgo. About 7.5' x 4.5'. One of the brightest galaxies in southern Virgo.</i>								
277	NGC 4699	• Galaxy	Vir	9.6	12h 48m 60.0s	-8d 40' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Virgo. About 3.5' x 2.5'. Bright and compact core.</i>								
278	NGC 4725	• Galaxy	Com	9.2	12h 50m 24.0s	+25d 30' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright barred spiral in Coma Berenices. About 11' x 8'. One of the largest galaxies outside the Virgo Cluster. Single prominent spiral arm.</i>								
279	NGC 4754	• Galaxy	Vir	10.6	12h 52m 18.0s	+11d 19' 0"	Easy	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Virgo near NGC 4762. About 4.5' x 2'. Nice pair with its edge-on neighbor.</i>								
280	NGC 4753	• Galaxy	Vir	9.9	12h 52m 24.0s	-1d 11' 60"	Easy	<input type="checkbox"/>
<i>Note: A peculiar lenticular galaxy in Virgo. About 6' x 3'. Notable for twisted dust lanes from a past merger.</i>								
281	NGC 4762	• Galaxy	Vir	10.2	12h 52m 54.0s	+11d 13' 60"	Easy	<input type="checkbox"/>
<i>Note: An extremely thin edge-on lenticular galaxy in Virgo. About 8.5' x 1.5'. One of the thinnest galaxies visible. Pair with NGC 4754.</i>								
282	NGC 4781	• Galaxy	Vir	12.0	12h 54m 24.0s	-10d 31' 60"	Impos.	<input type="checkbox"/>
<i>Note: A spiral galaxy in Virgo. About 4' x 2'. Moderately bright and elongated.</i>								
283	NGC 4800	• Galaxy	CVn	12.0	12h 54m 36.0s	+46d 31' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A spiral galaxy in Canes Venatici. About 2' x 1.5'. Small but fairly bright.</i>								
284	NGC 4845	• Galaxy	Vir	12.0	12h 58m 0.0s	+1d 34' 60"	Hard	<input type="checkbox"/>
<i>Note: An edge-on spiral galaxy in Virgo. About 5' x 1.5'. Thin and elongated.</i>								
285	NGC 4856	• Galaxy	Vir	10.4	12h 59m 18.0s	-15d 01' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo. Elongated about 4' x 1.5'. Prominent central bulge.</i>								
286	NGC 4866	• Galaxy	Vir	11.0	12h 59m 30.0s	+14d 10' 0"	Medium	<input type="checkbox"/>
<i>Note: An edge-on lenticular galaxy in Virgo. About 6' x 1.5'. Thin profile.</i>								
287	NGC 4900	• Galaxy	Vir	11.5	13h 00m 36.0s	+2d 30' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Virgo. About 2.5' across. Compact and moderately bright.</i>								

288	NGC 4958	• Galaxy	Vir	10.5	13h 05m 48.0s	-8d 01' 0"	Easy	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Virgo. Elongated about 4' x 1.5'.</i>								
289	NGC 4995	• Galaxy	Vir	11.0	13h 09m 42.0s	-7d 49' 60"	Hard	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Virgo. About 3' x 2'. Compact with a bright nucleus.</i>								
290	NGC 5005	• Galaxy	CVn	9.8	13h 10m 54.0s	+37d 02' 60"	Easy	<input type="checkbox"/>
<i>Note: A bright, elongated spiral galaxy in Canes Venatici. About 6' x 3'. Prominent dust lanes and bright core.</i>								
291	NGC 5033	• Galaxy	CVn	10.1	13h 13m 24.0s	+36d 36' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Canes Venatici. About 11' x 5'. Large with a Seyfert nucleus. Spiral arms visible.</i>								
292	NGC 5054	• Galaxy	Vir	11.0	13h 16m 60.0s	-16d 37' 60"	Medium	<input type="checkbox"/>
<i>Note: A spiral galaxy in Virgo. About 5' x 3'. Moderately bright face-on spiral.</i>								
293	M51 NGC 5195	• Galaxy	CVn	9.6	13h 30m 0.0s	+47d 16' 0"	Easy	<input type="checkbox"/>
<i>Note: The companion galaxy to M51 (Whirlpool). An irregular galaxy connected to M51 by a tidal bridge. One of the most famous interacting systems.</i>								
294	NGC 5248	• Galaxy	Boo	10.2	13h 37m 30.0s	+8d 52' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright barred spiral in Bootes. About 6' x 4.5'. Well-defined spiral arms. Contains nuclear star-forming rings.</i>								
295	NGC 5273	• Galaxy	CVn	11.6	13h 42m 6.0s	+35d 38' 60"	Medium	<input type="checkbox"/>
<i>Note: A lenticular Seyfert galaxy in Canes Venatici. About 3' x 2.5'.</i>								
296	NGC 5322	• Galaxy	UMa	10.0	13h 49m 18.0s	+60d 12' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Ursa Major. About 6' x 4'. Smooth and featureless.</i>								
297	NGC 5363	• Galaxy	Vir	10.2	13h 56m 6.0s	+5d 15' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright lenticular galaxy in Virgo forming a pair with NGC 5364. About 4' x 3'. Prominent dust lanes.</i>								
298	NGC 5364	• Galaxy	Vir	10.4	13h 56m 12.0s	+5d 01' 0"	Hard	<input type="checkbox"/>
<i>Note: A face-on spiral galaxy in Virgo near NGC 5363. About 7' x 5'. Low surface brightness but large.</i>								
299	NGC 5473	• Galaxy	UMa	11.4	14h 04m 42.0s	+54d 53' 60"	Medium	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Ursa Major near NGC 5474. About 2.5' x 2'. Compact and bright.</i>								
300	NGC 5474	• Galaxy	UMa	10.9	14h 05m 0.0s	+53d 40' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A peculiar dwarf galaxy near M101. About 5' x 4'. The nucleus is offset from center, giving it a lopsided appearance.</i>								
301	NGC 5466	• Globular Cluster	Boo	9.1	14h 05m 30.0s	+28d 31' 60"	Easy	<input type="checkbox"/>
<i>Note: A large, low-concentration globular cluster in Bootes. About 11' across. Very loose — easy to resolve. One of the least concentrated globulars.</i>								
302	NGC 5557	• Galaxy	Boo	11.1	14h 18m 24.0s	+36d 30' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright elliptical galaxy in Bootes. About 2.5' x 2'. Compact with a bright core.</i>								
303	NGC 5566	• Galaxy	Vir	10.5	14h 20m 18.0s	+3d 55' 60"	Medium	<input type="checkbox"/>
<i>Note: A bright barred spiral in Virgo, dominant member of a galaxy triplet. About 7' x 3'. Nice group with NGC 5560 and NGC 5569.</i>								
304	NGC 5576	• Galaxy	Vir	10.9	14h 21m 6.0s	+3d 16' 0"	Easy	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Virgo forming a pair with NGC 5574. About 3.5' x 2.5'.</i>								
305	NGC 5631	• Galaxy	UMa	13.0	14h 26m 36.0s	+56d 34' 60"	Hard	<input type="checkbox"/>
<i>Note: A lenticular galaxy in Ursa Major. About 2' x 2'. Round and compact.</i>								
306	NGC 5634	• Globular Cluster	Vir	9.6	14h 29m 36.0s	-5d 58' 60"	Easy	<input type="checkbox"/>
<i>Note: A small, moderately bright globular cluster in Virgo. About 5' across. Requires 8"+ to resolve outer stars.</i>								
307	NGC 5676	• Galaxy	Boo	10.9	14h 32m 48.0s	+49d 28' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright spiral galaxy in Bootes. About 4' x 2'. Elongated with a bright core.</i>								
308	NGC 5689	• Galaxy	Boo	11.9	14h 35m 30.0s	+48d 45' 0"	Medium	<input type="checkbox"/>
<i>Note: A bright edge-on spiral in Bootes. About 3.5' x 1'. Thin profile with bright central bulge.</i>								
309	NGC 5694	• Globular Cluster	Hya	10.2	14h 39m 36.0s	-26d 31' 60"	Medium	<input type="checkbox"/>
<i>Note: A remote globular cluster in Hydra at 113,000 light-years. Small and compact, requiring moderate aperture.</i>								

310	NGC 5746	• Galaxy	Vir	10.6	14h 44m 54.0s	+1d 57' 0"	Medium	<input type="checkbox"/>
<i>Note: A beautiful edge-on spiral in Virgo. About 7.5' x 1.5'. Prominent dust lane visible. A fine, underrated edge-on galaxy.</i>								
311	NGC 5846	• Galaxy	Vir	10.2	15h 06m 24.0s	+1d 36' 0"	Easy	<input type="checkbox"/>
<i>Note: The brightest galaxy in a small group in Virgo. About 4' x 3.5'. An elliptical with a bright core.</i>								
312	NGC 5866	• Galaxy	Dra	10.0	15h 06m 30.0s	+55d 46' 0"	Easy	<input type="checkbox"/>
<i>Note: M102 (disputed) — a bright edge-on lenticular in Draco. About 5' x 2.5'. Prominent dust lane. Often considered the finest lenticular galaxy.</i>								
313	NGC 5907	• Galaxy	Dra	10.4	15h 15m 54.0s	+56d 19' 0"	Medium	<input type="checkbox"/>
<i>Note: The Splinter Galaxy — a spectacular edge-on spiral in Draco. About 12' x 1.5'. One of the thinnest edge-on galaxies.</i>								
314	NGC 5897	• Globular Cluster	Lib	8.6	15h 17m 24.0s	-21d 01' 0"	Easy	<input type="checkbox"/>
<i>Note: A large, low-concentration globular cluster in Libra. About 13' across. Very loose, resolving easily in moderate aperture.</i>								
315	NGC 5982	• Galaxy	Dra	11.1	15h 38m 42.0s	+59d 21' 0"	Medium	<input type="checkbox"/>
<i>Note: An elliptical galaxy in Draco forming a fine trio with NGC 5981 (edge-on) and NGC 5985 (face-on). Three contrasting types in one field.</i>								
316	NGC 6118	• Galaxy	Ser	12.0	16h 21m 48.0s	-2d 16' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A face-on spiral in Serpens. About 4.5' x 2'. Low surface brightness — the 'Blinking Galaxy' that seems to appear and disappear.</i>								
317	NGC 6144	• Globular Cluster	Sco	9.1	16h 27m 18.0s	-26d 01' 60"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Scorpius near Antares. About 9' across. Faint and loose, challenging in Antares' glare.</i>								
318	M107 NGC 6171	• Globular Cluster	Oph	8.1	16h 32m 30.0s	-13d 03' 0"	Easy	<input type="checkbox"/>
<i>Note: M107 — a loose globular cluster in Ophiuchus. About 13' across. Easy to resolve into stars. One of the more open Messier globulars.</i>								
319	NGC 6217	• Galaxy	UMi	11.2	16h 32m 36.0s	+78d 12' 0"	V.Hard	<input type="checkbox"/>
<i>Note: A bright barred spiral in Ursa Minor. About 3' x 2.5'. The most northerly bright galaxy. Bar visible at moderate magnification.</i>								
320	NGC 6207	• Galaxy	Her	11.6	16h 43m 6.0s	+36d 49' 60"	Medium	<input type="checkbox"/>
<i>Note: A small spiral galaxy just 28' NE of M13. Often spotted while observing the great globular. A fun bonus target.</i>								
321	NGC 6229	• Globular Cluster	Her	9.4	16h 47m 0.0s	+47d 31' 60"	Easy	<input type="checkbox"/>
<i>Note: A moderately bright globular cluster in Hercules. About 4.5' across. Compare with nearby M13 and M92.</i>								
322	NGC 6235	• Globular Cluster	Oph	10.2	16h 53m 24.0s	-22d 10' 60"	Medium	<input type="checkbox"/>
<i>Note: A small globular cluster in Ophiuchus. Faint and compact. About 5' across.</i>								
323	NGC 6284	• Globular Cluster	Oph	9.0	17h 04m 30.0s	-24d 46' 0"	Easy	<input type="checkbox"/>
<i>Note: A small, moderately bright globular cluster in Ophiuchus. About 6' across. Dense core.</i>								
324	NGC 6287	• Globular Cluster	Oph	9.2	17h 05m 12.0s	-22d 41' 60"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Ophiuchus. About 5' across. Moderately concentrated.</i>								
325	NGC 6293	• Globular Cluster	Oph	8.2	17h 10m 12.0s	-26d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: A small, bright globular cluster in Ophiuchus. About 8' across. Highly concentrated core.</i>								
326	NGC 6304	• Globular Cluster	Oph	8.4	17h 14m 30.0s	-29d 28' 0"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Ophiuchus near M9. About 7' across. Moderately concentrated.</i>								
327	NGC 6316	• Globular Cluster	Oph	9.0	17h 16m 36.0s	-28d 07' 60"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Ophiuchus. About 5' across. Near NGC 6304.</i>								
328	NGC 6342	• Globular Cluster	Oph	9.9	17h 21m 12.0s	-19d 34' 60"	Easy	<input type="checkbox"/>
<i>Note: A small, faint globular cluster in Ophiuchus. About 4' across. Requires moderate aperture.</i>								
329	NGC 6356	• Globular Cluster	Oph	8.4	17h 23m 36.0s	-17d 49' 0"	Easy	<input type="checkbox"/>
<i>Note: A moderately bright globular cluster in Ophiuchus. About 7' across. Compact core.</i>								
330	NGC 6355	• Globular Cluster	Oph	9.6	17h 23m 60.0s	-26d 21' 0"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Ophiuchus. Heavily obscured by dust. About 5' across.</i>								
331	NGC 6369	• Planetary Nebula	Oph	13.0	17h 29m 18.0s	-23d 46' 0"	Impos.	<input type="checkbox"/>
<i>Note: The Little Ghost Nebula — a round planetary nebula in Ophiuchus. About 30" across. Ghostly pale, best with OIII filter.</i>								

332	NGC 6401	• Globular Cluster	Oph	9.5	17h 38m 36.0s	-23d 55' 0"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Ophiuchus. About 6' across. Loose and diffuse.</i>								
333	NGC 6426	• Globular Cluster	Oph	11.2	17h 44m 54.0s	+3d 00' 0"	Medium	<input type="checkbox"/>
<i>Note: A faint, distant globular cluster in Ophiuchus. About 4' across. Requires moderate aperture.</i>								
334	NGC 6440	• Globular Cluster	Sgr	9.7	17h 48m 54.0s	-20d 22' 0"	Easy	<input type="checkbox"/>
<i>Note: A globular cluster in Sagittarius. About 6' across. In a rich Milky Way field.</i>								
335	Little Gem NGC 6445	• Planetary Nebula	Sgr	13.0	17h 49m 12.0s	-20d 01' 0"	Impos.	<input type="checkbox"/>
<i>Note: The Box Nebula — a bright planetary nebula in Sagittarius. About 34" across. Distinctive rectangular shape at high magnification.</i>								
336	NGC 6451	• Open Cluster	Sco	8.0	17h 50m 42.0s	-30d 13' 0"	Easy	<input type="checkbox"/>
<i>Note: A rich open cluster in Scorpius with about 80 stars in a 7' area. Attractive in moderate aperture.</i>								
337	NGC 6543	• Planetary Nebula	Dra	9.0	17h 58m 36.0s	+66d 37' 60"	Easy	<input type="checkbox"/>
<i>Note: The Cat's Eye Nebula — one of the most complex planetary nebulae. Bright blue-green disk at moderate magnification. Detailed structure needs very large aperture.</i>								
338	NGC 6517	• Globular Cluster	Oph	10.3	18h 01m 48.0s	-8d 58' 0"	Medium	<input type="checkbox"/>
<i>Note: A small, faint globular cluster in Ophiuchus. About 4' across. Compact, requires moderate aperture.</i>								
339	M20	• Diffuse Nebula	Sagittarius	6.3	18h 02m 23.0s	-23d 01' 48"	Easy	<input type="checkbox"/>
<i>Note: The Trifid Nebula — a stunning emission/reflection nebula in Sagittarius divided into three lobes by dark lanes. Best with a UHC filter.</i>								
340	NGC 6520	• Open Cluster	Sgr	8.0	18h 03m 24.0s	-27d 53' 60"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster adjacent to dark nebula Barnard 86 — a striking contrast of starlight and darkness. About 6' across. Beautiful field.</i>								
341	NGC 6522	• Globular Cluster	Sgr	8.6	18h 03m 36.0s	-30d 01' 60"	Easy	<input type="checkbox"/>
<i>Note: A globular cluster seen through Baade's Window in Sagittarius — a gap in the dust revealing the galactic bulge. Pair with nearby NGC 6528.</i>								
342	NGC 6528	• Globular Cluster	Sgr	9.5	18h 04m 48.0s	-30d 03' 0"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster near NGC 6522 in Baade's Window. About 4' across. The pair is historically significant.</i>								
343	NGC 6540	• Open Cluster	Sgr	15.0	18h 06m 18.0s	-27d 49' 0"	Impos.	<input type="checkbox"/>
<i>Note: A small, faint globular cluster in Sagittarius. About 2' across. Compact and challenging.</i>								
344	NGC 6544	• Globular Cluster	Sgr	8.3	18h 07m 18.0s	-25d 00' 0"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Sagittarius. About 9' across but very loose. Low concentration.</i>								
345	NGC 6553	• Globular Cluster	Sgr	8.3	18h 09m 18.0s	-25d 53' 60"	Easy	<input type="checkbox"/>
<i>Note: A globular cluster in Sagittarius. About 9' across. In a very rich Milky Way field.</i>								
346	NGC 6568	• Open Cluster	Sgr	9.0	18h 12m 48.0s	-21d 36' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Sagittarius with about 40 stars spread over 12'. In a rich starfield.</i>								
347	NGC 6569	• Globular Cluster	Sgr	8.7	18h 13m 36.0s	-31d 49' 60"	Easy	<input type="checkbox"/>
<i>Note: A moderately bright globular cluster in Sagittarius. About 6' across. Dense core.</i>								
348	NGC 6583	• Open Cluster	Sgr	10.0	18h 15m 48.0s	-22d 07' 60"	Easy	<input type="checkbox"/>
<i>Note: A small open cluster in Sagittarius with about 30 faint stars. Compact.</i>								
349	NGC 6624	• Globular Cluster	Sgr	8.3	18h 23m 42.0s	-30d 22' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright, compact globular cluster in Sagittarius. About 6' across. Contains X-ray sources.</i>								
350	NGC 6629	• Planetary Nebula	Sgr	12.0	18h 25m 42.0s	-23d 11' 60"	Impos.	<input type="checkbox"/>
<i>Note: A small planetary nebula in Sagittarius. About 15" across. Appears as a tiny blue-green disk at high magnification.</i>								
351	Tweedledee Cluster NGC 6633	• Open Cluster	Oph	4.6	18h 27m 42.0s	+6d 34' 0"	Easy	<input type="checkbox"/>
<i>Note: A large, bright open cluster in Ophiuchus with about 30 stars spread over 27'. Easy naked-eye object. Best in binoculars.</i>								
352	NGC 6638	• Globular Cluster	Sgr	9.2	18h 30m 54.0s	-25d 30' 0"	Easy	<input type="checkbox"/>
<i>Note: A small globular cluster in Sagittarius. About 6' across. Moderately concentrated.</i>								
353	NGC 6642	• Globular Cluster	Sgr	8.8	18h 31m 54.0s	-23d 28' 60"	Easy	<input type="checkbox"/>

Note: A small globular cluster in Sagittarius. About 5' across. Near M22.

354	NGC 6645	• Open Cluster	Sgr	9.0	18h 32m 36.0s	-16d 53' 60"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Sagittarius with about 40 stars spread over 10'. In a rich Milky Way field.</i>								
355	NGC 6664	• Open Cluster	Sct	7.8	18h 36m 42.0s	-8d 13' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Scutum with about 50 stars spread over 15'. Near M11.</i>								
356	NGC 6712	• Globular Cluster	Sct	8.2	18h 53m 6.0s	-8d 41' 60"	Easy	<input type="checkbox"/>
<i>Note: A loose globular cluster in Scutum. About 8' across. Easy to resolve. Contains an X-ray burster.</i>								
357	NGC 6755	• Open Cluster	Aql	7.5	19h 07m 48.0s	+4d 13' 60"	Easy	<input type="checkbox"/>
<i>Note: A rich open cluster in Aquila with about 100 stars spread over 15'. Attractive in a rich Milky Way field.</i>								
358	NGC 6756	• Open Cluster	Aql	11.0	19h 08m 42.0s	+4d 40' 60"	Medium	<input type="checkbox"/>
<i>Note: A compact open cluster in Aquila with about 40 faint stars in a 4' area. Needs moderate aperture.</i>								
359	NGC 6781	• Planetary Nebula	Aql	12.0	19h 18m 24.0s	+6d 32' 60"	V.Hard	<input type="checkbox"/>
<i>Note: A large planetary nebula in Aquila. About 1.8' across. Ring-like with OIII filter. Similar in appearance to M97.</i>								
360	NGC 6802	• Open Cluster	Vul	8.8	19h 30m 36.0s	+20d 16' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Vulpecula with about 50 faint stars in a 3' area. Near M27.</i>								
361	NGC 6823	• Open Cluster	Vul	7.1	19h 43m 6.0s	+23d 18' 0"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Vulpecula embedded in emission nebula NGC 6820. A filter reveals the surrounding nebulosity.</i>								
362	NGC 6818	• Planetary Nebula	Sgr	10.0	19h 44m 0.0s	-14d 09' 0"	Hard	<input type="checkbox"/>
<i>Note: The Little Gem Nebula — a small, bright planetary in Sagittarius. About 22" across. Vivid blue-green. High surface brightness.</i>								
363	Blinking planetary NGC 6826	• Planetary Nebula	Cyg	10.0	19h 44m 48.0s	+50d 31' 0"	V.Hard	<input type="checkbox"/>
<i>Note: The Blinking Planetary — appears and disappears with direct vs. averted vision. Bright blue-green disk with a bright central star.</i>								
364	NGC 6830	• Open Cluster	Vul	7.9	19h 51m 0.0s	+23d 04' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Vulpecula with about 20 stars in a 6' area. Near M27.</i>								
365	NGC 6834	• Open Cluster	Cyg	7.8	19h 52m 12.0s	+29d 25' 0"	Easy	<input type="checkbox"/>
<i>Note: A small, rich open cluster in Cygnus with about 50 faint stars in a 5' area.</i>								
366	NGC 6866	• Open Cluster	Cyg	7.6	20h 03m 42.0s	+44d 00' 0"	Easy	<input type="checkbox"/>
<i>Note: A moderately rich open cluster in Cygnus with about 50 stars spread over 6'. Near the Kepler mission field.</i>								
367	NGC 6882	• Open Cluster	Vul	8.1	20h 11m 42.0s	+26d 33' 0"	Easy	<input type="checkbox"/>
<i>Note: A bright, sparse open cluster in Vulpecula with about 30 stars. Near NGC 6885.</i>								
368	NGC 6885	• Open Cluster	Vul	6.0	20h 11m 60.0s	+26d 28' 60"	Easy	<input type="checkbox"/>
<i>Note: An open cluster in Vulpecula centered on mag 5.9 star 20 Vul. About 20 stars in a 7' area.</i>								
369	NGC 6905	• Planetary Nebula	Del	12.0	20h 22m 24.0s	+20d 07' 0"	V.Hard	<input type="checkbox"/>
<i>Note: The Blue Flash Nebula — a bright planetary nebula in Delphinus. About 44" across. Blue-green color. OIII filter enhances it.</i>								
370	NGC 6910	• Open Cluster	Cyg	7.4	20h 23m 6.0s	+40d 46' 60"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Cygnus near Sadr. About 40 stars in a 7' area. Spectacular Milky Way field.</i>								
371	NGC 6939	• Open Cluster	Cep	7.8	20h 31m 24.0s	+60d 37' 60"	Easy	<input type="checkbox"/>
<i>Note: A rich open cluster in Cepheus near galaxy NGC 6946. About 80 stars in 8'. The cluster-galaxy pair is a classic sight.</i>								
372	NGC 6934	• Globular Cluster	Del	8.9	20h 34m 12.0s	+7d 24' 0"	Easy	<input type="checkbox"/>
<i>Note: A moderately bright globular cluster in Delphinus. About 7' across. Compact core, partially resolvable in 8"+.</i>								
373	NGC 6940	• Open Cluster	Vul	6.3	20h 34m 36.0s	+28d 18' 0"	Easy	<input type="checkbox"/>
<i>Note: A large, rich open cluster in Vulpecula with about 100 stars spread over 30'. Best at low power. One of the finest autumn clusters.</i>								
374	NGC 6946	• Galaxy	Cep	8.9	20h 34m 48.0s	+60d 08' 60"	Hard	<input type="checkbox"/>
<i>Note: The Fireworks Galaxy — a face-on spiral where 10 supernovae have been observed. About 11' across. Near NGC 6939.</i>								
375	North America nebula	• Diffuse Nebula	Cyg	99.0	20h 58m 48.0s	+44d 19' 60"	Medium	<input type="checkbox"/>

Note: The North America Nebula — an enormous emission nebula (2 degrees) shaped like the continent. OIII or H-alpha filter essential.

376	NGC 7008	• Planetary Nebula	Cyg	13.0	21h 00m 36.0s	+54d 32' 60"	Impos.	<input type="checkbox"/>
Note: A planetary nebula in Cygnus. About 86" across. Irregularly shaped. OIII filter helps.								
377	NGC 7006	• Globular Cluster	Del	10.6	21h 01m 30.0s	+16d 10' 60"	Medium	<input type="checkbox"/>
Note: A remote globular cluster in Delphinus at 135,000 light-years. About 4' across. One of the most distant accessible globulars.								
378	Saturn nebula NGC 7009	• Planetary Nebula	Aqr	8.0	21h 04m 12.0s	-11d 22' 0"	Easy	<input type="checkbox"/>
Note: The Saturn Nebula — a bright planetary with faint 'ansae' giving a Saturn-like appearance. Vivid blue-green. One of the finest planetary nebulae.								
379	NGC 7044	• Open Cluster	Cyg	11.0	21h 12m 54.0s	+42d 28' 60"	Medium	<input type="checkbox"/>
Note: A faint, rich open cluster in Cygnus with about 60 faint stars. Requires moderate aperture.								
380	NGC 7062	• Open Cluster	Cyg	8.3	21h 23m 12.0s	+46d 22' 60"	Easy	<input type="checkbox"/>
Note: A small open cluster in Cygnus with about 30 faint stars in a 5' area.								
381	NGC 7086	• Open Cluster	Cyg	8.4	21h 30m 30.0s	+51d 34' 60"	Easy	<input type="checkbox"/>
Note: A moderately rich open cluster in Cygnus with about 40 stars spread over 9'.								
382	NGC 7128	• Open Cluster	Cyg	9.7	21h 44m 0.0s	+53d 43' 0"	Easy	<input type="checkbox"/>
Note: A compact open cluster in Cygnus with about 25 faint stars in a 3' area.								
383	NGC 7142	• Open Cluster	Cep	9.3	21h 45m 54.0s	+65d 47' 60"	Easy	<input type="checkbox"/>
Note: A rich open cluster in Cepheus with about 50 faint stars in 8'. One of the older open clusters.								
384	NGC 7160	• Open Cluster	Cep	6.1	21h 53m 42.0s	+62d 36' 0"	Easy	<input type="checkbox"/>
Note: A small open cluster in Cepheus with about 12 bright stars forming a distinctive pattern.								
385	NGC 7209	• Open Cluster	Lac	6.7	22h 05m 12.0s	+46d 30' 0"	Easy	<input type="checkbox"/>
Note: A bright, large open cluster in Lacerta with about 80 stars spread over 25'. Nice at low power.								
386	NGC 7217	• Galaxy	Peg	10.2	22h 07m 54.0s	+31d 22' 0"	Hard	<input type="checkbox"/>
Note: A bright, tightly wound spiral galaxy in Pegasus with multiple ring structures. About 4' x 3.5'. Unusually symmetric.								
387	NGC 7243	• Open Cluster	Lac	6.4	22h 15m 18.0s	+49d 52' 60"	Easy	<input type="checkbox"/>
Note: A large, bright open cluster in Lacerta with about 40 stars spread over 20'. Easy and attractive.								
388	NGC 7296	• Open Cluster	Lac	10.0	22h 28m 12.0s	+52d 16' 60"	Easy	<input type="checkbox"/>
Note: A small open cluster in Lacerta with about 20 faint stars in a 4' area.								
389	NGC 7331	• Galaxy	Peg	9.5	22h 37m 6.0s	+34d 25' 0"	Easy	<input type="checkbox"/>
Note: One of the finest spiral galaxies — a bright, elongated spiral in Pegasus. About 11' x 4'. The 'Deer Lick Group' of faint background galaxies nearby.								
390	7380 C	• Galaxy	Cep	7.2	22h 47m 0.0s	+58d 06' 0"	Easy	<input type="checkbox"/>
Note: The Wizard Nebula cluster — an open cluster in Cepheus embedded in emission nebulosity. The nebula requires a narrowband filter.								
391	NGC 7448	• Galaxy	Peg	11.7	23h 00m 6.0s	+15d 58' 60"	Medium	<input type="checkbox"/>
Note: A bright spiral galaxy in Pegasus. About 3' x 1.5'. Elongated with a moderately bright core.								
392	NGC 7479	• Galaxy	Peg	11.0	23h 04m 54.0s	+12d 19' 0"	V.Hard	<input type="checkbox"/>
Note: A bright barred spiral in Pegasus with a dramatic S-shaped bar. About 4' x 3'. One of the most photogenic barred spirals.								
393	NGC 7510	• Open Cluster	Cep	7.9	23h 11m 30.0s	+60d 34' 0"	Easy	<input type="checkbox"/>
Note: A compact, bright open cluster in Cepheus with about 60 stars in a 4' area. Arrowhead-shaped. One of the finest compact clusters.								
394	NGC 7606	• Galaxy	Aqr	10.8	23h 19m 6.0s	-8d 28' 60"	Hard	<input type="checkbox"/>
Note: A bright spiral galaxy in Aquarius. About 6' x 3'. Elongated with a bright core.								
395	Blue Snowball NGC 7662	• Planetary Nebula	And	9.0	23h 25m 54.0s	+42d 32' 60"	Medium	<input type="checkbox"/>
Note: The Blue Snowball — a bright planetary nebula in Andromeda. Vivid blue-green color. Inner ring visible at high power.								
396	NGC 7686	• Open Cluster	And	5.6	23h 30m 12.0s	+49d 07' 60"	Easy	<input type="checkbox"/>
Note: A bright open cluster in Andromeda with about 30 stars spread over 14'. Easy and pleasant.								

397	NGC 7723	• Galaxy	Aqr	11.1	23h 38m 54.0s	-12d 58' 0"	Medium	<input type="checkbox"/>
<i>Note: A barred spiral galaxy in Aquarius. About 3.5' x 2.5'. Moderately bright.</i>								
398	NGC 7727	• Galaxy	Aqr	10.7	23h 39m 54.0s	-12d 18' 0"	Medium	<input type="checkbox"/>
<i>Note: A peculiar galaxy in Aquarius resulting from a galaxy merger. About 4.5' x 3.5'. Unusual shape with tidal features.</i>								
399	Caroline's Rose NGC 7789	• Open Cluster	Cas	6.7	23h 56m 60.0s	+56d 43' 60"	Easy	<input type="checkbox"/>
<i>Note: Caroline's Rose — one of the richest and most beautiful open clusters. About 300 stars in 15' in Cassiopeia. Swirling loops suggest rose petals. A must-see.</i>								
400	NGC 7790	• Open Cluster	Cas	8.5	23h 58m 24.0s	+61d 13' 0"	Easy	<input type="checkbox"/>
<i>Note: A compact open cluster in Cassiopeia with about 30 stars in a 5' area. Contains Cepheid variables.</i>								

