



Declination (°)

Right Ascension (hours)

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- Star
- Double star
- Globular Cluster
- Open Cluster
- Asterism
- Open Cluster with Nebulosity
- Nebula
- ◆ Planetary Nebula
- ▲ Supernova Remnant
- Galaxy
- Quasar
- Mag -1
- Mag 0
- Mag 1
- Mag 2
- Mag 3
- Mag 4
- Mag 5

The Royal Astronomical Society of Canada (RASC) has published this catalogue in their yearly Observer's Handbook. (<http://www.rasc.ca/>)

The 110 Finest N.G.C. Objects List was compiled by Alan Dyer; it is arranged sorted by seasons and constellations.

12 Open Clusters : Including the famous Double Cluster in Perseus, NGC 7789 in Cassiopeia and NGC 6633 in Ophiuchus.
2 Globular Clusters : NGC 5466 in Bootes and NGC 6712 in Scutum.
14 Diffuse Nebulae : Includes the great Veil Nebula as well as the North American and Rosette Nebulae.
24 Planetary Nebulae : Includes many fine PN's like the Ghost of Jupiter, the Cat's Eye, the Blinking Planetary, the Helix, the Blue Snowball and the Clown Face Nebulae.
58 Galaxies : Includes the amazing NGC 4565 in Coma Berenices, NGC 253 in Sculptor and NGC 5907 in Draco.

110 Objects : The Finest NGC list can be started during any season, and completes the Messier Catalogue as there is no overlap.

The RASC's Finest NGC Objects List by Alan Dyer

No.	NGC	Con	Type	R.A.	Dec	m_v	Size	Notes
Autumn								
1	7009	Aqr	PN	21h04mn	-11°02'	8.3	25"	!! Saturn Nebula; small bright oval
2	7293	Aqr	PN	22h29mn	-20°48'	6.5	12'50"	!! Helix Nebula; large, diffuse; use filter
3	7331	Peg	G-Sb	22h37mn	+34°25'	9.5	10.7x4.0	!! large, bright spiral galaxy
4	7635	Cas	EN	23h20mn	+61°12'	-	15x8	Bubble Neb.; very faint; 1/2 deg SW of M52
5	7789	Cas	OC	23h57mn	+56°44'	6.7	16	!! 300*; faint but very rich cluster; White Rose Cluster
6	185	Cas	G-E0	00h39mn	+48°20'	11.7	2x2	companion to M31; paired with NGC 147
7	281	Cas	EN	00h52mn	+56°36'	-	35x30	!! large faint nebulosity near eta Cas; Pacman Nebula
8	457	Cas	OC	01h19mn	+58°20'	6.4	13	80*; rich; one of the best Cas clusters; Owl / E.T. Cluster
9	663	Cas	OC	01h46mn	+61°15'	7.1	16	80*; look for NGC's 654 and 659 nearby
10	IC 289	Cas	PN	03h10mn	+61°19'	12.3	34"	dim oval smudge; use nebula filter
11	7662	And	PN	23h25mn	+42°33'	9.2	20"	!! Blue Snowball; annular at high power
12	891	And	G-Sb	02h22mn	+42°21'	10	13.5x2.8	!! faint, classic edge-on with dust lane
13	253	Scl	G-Scp	00h47mn	-25°17'	7.1	25.1x7.4	!! very large and bright but at low altitude; Sculptor Galaxy
14	772	Ari	G-Sb	01h59mn	+19°01'	10.3	7.1x4.5	diffuse spiral galaxy
15	246	Cet	PN	00h47mn	-11°53'	8.0	3'45"	faint (closer to 11 m); dark mottling; Skull Nebula
16	936	Cet	G-SBa	02h27mn	-01°09'	10.1	5.2x4.4	near M77; NGC 941 in the same field
17	869/84	Per	OC	02h20mn	+57°08'	~4.4	30/30	!! Double Cluster; 350*; use low mag.
18	1023	Per	G-E7p	02h40mn	+39°04'	9.5	8.7x4.3	bright lens-shaped galaxy near M34
19	1491	Per	EN	04h03mn	+51°19'	-	3.0x3.0	small fairly faint emission nebula
20	1501	Cam	PN	04h07mn	+60°55'	12	52"	faint; dark center; look for NGC 1502; Camel's Eye
21	1232	Eri	G-Sc	03h09mn	-20°35'	9.9	7.8x6.9	face-on spiral; look for NGC 1300 nearby
22	1535	Eri	PN	04h14mn	-12°44'	10.4	18"	bright planetary with blue-grey disk; Cleopatra's Eye
Winter								
23	1514	Tau	PN	04h09mn	+30°47'	10.8	1'54"	faint glow around 9.4 mag central star; Crystal Ball Nebula
24	1931	Aur	E/RN	05h31mn	+34°15'	-	3.0x3.0	haze surrounding 4 close stars; Fly Nebula
25	1788	Ori	RN	05h06mn	-03°21'	-	8.0x5.0	fairly bright but diffuse reflection nebula
26	1973+	Ori	E/RN	05h35mn	-04°44'	-	40x25	near M42 and M43; often neglected; Running Man Nebula
27	2022	Ori	PN	05h42mn	+09°05'	12.4	18"	small, faint & distinct with annular form
28	2024	Ori	EN	05h40mn	-02°27'	-	30x30	bright but masked by glow from Zeta Ori; Flame Nebula
29	2194	Ori	OC	06h13mn	+12°48'	8.5	10	80*; fairly rich; look for 2169 nearby
30	2371/2	Gem	PN	07h25mn	+29°29'	13.0	55"	faint double-lobed planetary; use filter; Peanut Nebula
31	2392	Gem	PN	07h29mn	+20°55'	8.3	13"	!! Clown Face or Eskimo Nebula
32	2237+	Mon	EN	06h32mn	+05°03'	-	80x60	!! Rosette Neb.; very large; use neb. filter
33	2261	Mon	E/RN	06h39mn	+08°44'	var	2x1	Hubble's Variable Nebula; comet-shaped
34	2359	CMa	EN	07h18mn	-13°12'	-	8.0x6.0	bright; look for NGC 2360 & 2362 nearby; Thor's Helmet
35	2440	Pup	PN	07h41mn	-18°13'	10.3	14"	almost starlike; irregular at high power
36	2539	Pup	OC	08h10mn	-12°50'	6.5	22	50*; rich cluster; near M46 and M47
37	2403	Cam	G-Sc	07h36mn	+65°36'	8.4	17.8x11.0	!! very large & bright; visible in binocs.
38	2655	Cam	G-Sa	08h55mn	+78°13'	10.1	5.1x4.4	bright ellipse with starlike nucleus
Spring								
39	2683	Lyn	G-Sb	08h52mn	+33°25'	9.7	9.3x2.5	nearly edge-on spiral; very bright
40	2841	UMa	G-Sb	09h22mn	+50°58'	9.3	8.1x3.8	!! classic elongated spiral; very bright
41	3079	UMa	G-Sb	10h02mn	+55°41'	10.6	7.6x1.7	edge-on spiral; NGC 2950 nearby
42	3184	UMa	G-Sc	10h18mn	+41°25'	9.7	6.9x6.8	large, diffuse face-on spiral
43	3877	UMa	G-Sb	11h46mn	+47°30'	10.9	5.4x1.5	edge-on; same field as chi UMa
44	3941	UMa	G-E3	11h52mn	+36°59'	9.8	3.8x2.5	small bright elliptical
45	4026	UMa	G-S0	11h59mn	+50°58'	10.7	5.1x1.4	lense-shaped edge-on near gamma UMa
46	4088	UMa	G-Sc	12h05mn	+50°33'	10.5	5.8x2.5	nearly edge-on; NGC 4085 in same field
47	4157	UMa	G-Sb	12h11mn	+50°29'	11.9	6.9x1.7	a thin sliver; NGCs 4026 & 4088 nearby
48	4605	UMa	G-SBcp	12h40mn	+61°37'	9.6	5.5x2.3	bright distinct edge-on spiral
49	3115	Sex	G-E6	10h05mn	-07°43'	9.2	8.3x3.2	Spindle Galaxy; bright and elongated
50	3242	Hya	PN	10h24mn	-18°38'	8.6	16"	!! Ghost of Jupiter; small but bright
51	3003	LMi	G-Sc	09h48mn	+33°25'	11.7	5.9x1.7	faint elongated streak
52	3344	LMi	G-Sc	10h43mn	+24°55'	9.9	6.9x6.5	diffuse face-on spiral
53	3432	LMi	G-SBm	10h52mn	+36°37'	11.3	6.2x1.5	nearly edge-on; faint flat streak
54	2903	Leo	G-Sb	09h32mn	+21°30'	8.9	12.6x6.6	!! very large, bright elongated spiral
55	3384	Leo	G-E7	10h48mn	+12°38'	9.9	5.9x2.6	same field as M105 and NGC 3389

No.	NGC	Con	Type	R.A.	Dec	m_v	Size	Notes
Spring								
56	3521	Leo	G-Sb	11h05mn	-00°02'	8.7	9.5x5.0	very large, bright spiral
57	3607	Leo	G-E1	11h16mn	+18°03'	10.0	3.7x3.2	NGCs 3605 & 3608 in same field
58	3628	Leo	G-Sb	11h20mn	+13°36'	9.5	14.8x3.6	large edge-on; same field as M65 and M66; Hamburger
59	4111	CVn	G-S0	12h07mn	+43°04'	10.8	4.8x1.1	bright lens-shaped edge-on spiral
60	4214	CVn	G-Irr	12h15mn	+36°20'	9.7	7.9x6.3	large irregular galaxy
61	4244	CVn	G-S	12h17mn	+37°49'	10.2	16.2x2.5	!! large distinct edge-on spiral
62	4449	CVn	G-Irr	12h28mn	+44°06'	9.4	5.1x3.7	bright rectangular shape
63	4490	CVn	G-Sc	12h30mn	+41°38'	9.8	5.9x3.1	bright spiral; 4485 (Cocoon gal.) in field
64	4631	CVn	G-Sc	12h42mn	+32°32'	9.3	15.1x3.3	!! large edge-on; look for companion 4627; Whale Galaxy
65	4656/7	CVn	G-Sc	12h44mn	+32°10'	10.4	13.8x3.3	in field with 4631; NE end curves up; Hockey Stick gal.
66	5005	CVn	G-Sb	13h10mn	+37°03'	9.8	5.4x2.7	bright elongated spiral near alpha CVn
67	5033	CVn	G-Sb	13h13mn	+36°36'	10.1	10.5x5.6	large bright spiral near NGC 5005
68	4274	Com	G-Sb	12h19mn	+29°37'	10.4	6.9x2.8	NGCs 4278/83/86 in same field
69	4414	Com	G-Sc	12h26mn	+31°13'	10.2	3.6x2.2	bright spiral with starlike nucleus
70	4494	Com	G-E1	12h31mn	+25°47'	9.8	4.8x3.8	small bright elliptical
71	4559	Com	G-Sc	12h36mn	+27°58'	9.8	10.5x4.9	large spiral with coarse structure
72	4565	Com	G-Sb	12h36mn	+25°59'	9.6	16.2x2.8	!! superb edge-on spiral with dust lane; Needle Galaxy
73	4725	Com	G-Sb	12h50mn	+25°30'	9.2	11.0x7.9	very bright, large spiral
74	4038/9	Crv	G-Sc	12h01mn	-18°52'	10.7	~3x2	"Antennae" or "Rattail" interacting galaxies
75	4361	Crv	PN	12h24mn	-18°48'	10.3	45"	small and bright; with 13-mag central star
76	4216	Vir	G-Sb	12h15mn	+13°09'	9.9	8.3x2.2	nearly edge-on; with NGCs 4206 & 4222
77	4388	Vir	G-Sb	12h25mn	+12°40'	11.0	5.1x1.4	with M84 and M86 in Markarian's Chain
78	4438	Vir	G-Sap	12h27mn	+13°01'	10.1	9.3x3.9	paired with NGC 4435 to form the "Eyes"
79	4517	Vir	G-Sc	12h32mn	+00°07'	10.5	10.2x1.9	faint edge-on spiral
80	4526	Vir	G-E7	12h34mn	+07°42'	9.6	7.6x2.3	between two 7-mag stars; the "Lost Galaxy"
81	4535	Vir	G-Sc	12h34mn	+08°12'	9.8	6.8x5.0	near M49 and 3/4 deg N of NGC 4526
82	4567/8	Vir	G-Sc	12h36mn	+11°15'	~11	4.6x2.1	"Siamese Twins" interacting galaxies
83	4699	Vir	G-Sa	12h49mn	-08°40'	9.6	3.5x2.7	small & bright; look for NGC 4697 3 deg N
84	4762	Vir	G-SB0	12h52mn	+11°14'	10.2	8.7x1.6	flattest galaxy known; 4754 in same field
85	5746	Vir	G-Sb	14h44mn	+01°57'	10.6	7.9x1.7	fine edge-on near 109 Virginis
86	5466	Boo	GC	14h05mn	+28°32'	9.1	11.0	loose class XII; like rich open cl.; faint
87	5907	Dra	G-Sb	15h15mn	+56°19'	10.4	12.3x1.8	fine edge-on with dust lane; near 5866; Splinter Galaxy
88	6503	Dra	G-Sb	17h49mn	+70°09'	10.2	6.2x2.3	bright elongated spiral
89	6543	Dra	PN	17h58mn	+66°38'	8.8	18"	Cat's Eye Nebula; with 11 mag central star
Summer								
90	6210	Her	PN	16h44mn	+23°49'	9.3	14"	very starlike blue planetary; Turtle Nebula
91	6369	Oph	PN	17h29mn	-23°46'	10.4	30"	Little Ghost; look for NGC 6309 nearby
92	6572	Oph	PN	18h12mn	+06°51'	9.0	8"	tiny bright blue oval; Emerald Nebula
93	6633	Oph	OC	18h27mn	+06°34'	4.6	27	sparse wide field cluster; IC 4756 nearby
94	6712	Sct	GC	18h53mn	-08°42'	8.2	7.2	small globular; look for IC 1295 in field
95	6781	Aql	PN	19h18mn	+06°33'	11.8	1'49"	pale version of M97; Snowglobe Nebula
96	6819	Cyg	OC	19h41mn	+40°11'	7.3	5	150*; faint but rich cluster in Milky Way
97	6826	Cyg	PN	19h44mn	+50°31'	9.8	30"	!! Blinking Planetary; 10.4-mag central star
98	6888	Cyg	SNR?	20h12mn	+38°21'	-	20x10	Crescent Nebula; faint; use nebula filter
99a	6960	Cyg	SNR	20h45mn	+30°43'	-	70x6	!! Veil Nebula: west half; use filter !
99b	6992/5	Cyg	SNR	20h56mn	+31°43'	-	78x8	!! Veil Nebula: east half; use filter !
100	7000	Cyg	EN	20h58mn	+44°20'	-	120x100	!! North America N; use filter & low mag.
101	7027	Cyg	PN?	21h07mn	+42°14'	10.4	15"	unusual protoplanetary nebula; Magic Carpet Nebula
102	6445	Sgr	PN	17h49mn	-20°01'	11.8	34"	small, bright and annular; near M23
103	6520	Sgr	OC	18h03mn	-27°54'	8.1	6	60*; small; dark neb. B86 in same field
104	6818	Sgr	PN	19h44mn	-14°09'	9.9	17"	Little Gem; annular; NGC 6822 0.75 deg S
105	6802	Vul	OC	19h30mn	+20°16'	8.8	3.2	at east end of Brocchi's cluster Cr 399
106	6940	Vul	OC	20h34mn	+28°18'	6.3	31	60*; fairly rich cluster in Milky Way
107	6939	Cep	OC	20h31mn	+60°38'	7.8	8	80*; very rich;
108	6946	Cep	G-Sc	20h34mn	+60°09'	8.9	11.0x9.8	faint, diffuse face-on spiral near 6939
109	7129	Cep	RN	21h44mn	+66°10'	-	8x7	faint reflection neb. around several stars
110	40	Cep	PN	00h13mn	+72°32'	10.2	37"	unusual red planetary; 11.6 mag central star; Bow Tie N

PN: Planetary Nebula, **SNR:** Supernova Remnant, **EN:** (diffuse) Emission Nebula, **RN:** (diffuse) Reflection Nebula, **E/RN:** Diffuse Emission and Reflection Nebula, **OC:** Open Cluster, **GC:** Globular Cluster, **G-:** Galaxy, with Hubble type given