

GALAXIES

Arranged by Group or Region

SBO Catalog Number	Common Name	Galaxy Type	Con stel lation	Epoch 2000		Visible Mag	Apparent Size (arcmin)	Distance Light Years	Description or Comments	Alternate Catalog Name
				R. A. h m s	Dec deg ' "					
Andromeda Local Group (Fall)										
31, 201	M31 Andromeda	Spiral	And	00 42 46	+ 41 16 12	4.5	240' x 60'	2.2 M	Milky Way "twin", 15deg from edge-on, 300B *	NGC 224
32	M32	Elliptical	And	00 42 46	+ 40 52 12	10	3' x 3'	2.2 M	Companion to M 31, 2000 ly across	NGC 221
33	M 33 Pinwheel	Spiral	Tri	01 33 55	+ 30 39 42	7	60' x 60'	2.3 M	Sc, member Local Group, low surface brightness	NGC 598
Loner Galaxies (Fall/Winter)										
202	NGC 253	Spiral	Scl	00 47 32	- 25 17 48	7.5	22' x 6'	7.5 M	Sc, high tilt, next brightest gal after M 31	NGC 253
74	M 74	Spiral	Psc	01 36 39	+ 15 47 36	10.5	8' x 8'	20M	Sc, starlike center, hint of arms	NGC 628
77	M 77	Spiral	Cet	02 42 41	- 00 01 36	10.5	6' x 6'	30 M	Seyfert galaxy, starlike nucleus	NGC 1068
Ursa Major Northern Group (Winter/Spring)										
81, 237	M 81	Spiral	UMa	09 55 39	+ 69 03 54	8.5	21' x 10'	7 M	Sb spiral, bright nucleus, 1 deg. from M82	NGC 3031
82, 238	M 82	Irregular	UMa	09 55 52	+ 69 40 54	9.5	9' x 4'	7 M	Dark lane, chaotic, exploding	NGC 3034
94, 247	M 94	Spiral	CVn	12 50 59	+ 41 07 54	9.5	7' x 3'	14.5 M	Bright center, hint of arms, 33,000 ly across	NGC 4736
51, 251	M 51 Whirlpool	Spiral	CVn	13 29 57	+ 47 11 18	10	11' x 7'	14 M	Bright Sc, spiral arm bridge to colliding galaxy	NGC 5194
101	M 101	Spiral	UMa	14 03 17	+ 54 21 48	8.5	22' x 22'	15 M	Sc face-on, very open, arms visible	NGC 5457
102	M 102 = M 101	Spiral	UMa	14 03 17	+ 54 21 48	8.5	22' x 22'	15 M	Sc face-on, very open, arms visible	NGC 5457
106	M106	Spiral	CVn	12 18 56	+ 47 18 42	9.5	19' x 8'	25M	25 deg. from edge-on, bright nucleus	NGC 4258
63	M 63 Sunflower	Spiral	CVn	13 15 49	+ 42 02 12	10	10' x 6'	15 M	Grainy-looking central condensation	NGC 5055
108	M 108	Spiral	UMa	11 11 33	+ 55 40 54	11	8' x 1'	25 M	Sc spiral nearly edge-on, dark & light nodules	NGC 3556
109	M109	Barred Spiral	UMa	11 57 36	+ 53 22 42	11	7' x 4'	35 M	Barred spiral, nucleus pear shaped	NGC 3992
Leo Group (Spring)										
65	M 65	Spiral	Leo	11 18 54	+ 13 05 48	10.5	8' x 1.5'	35 M	Sa spiral, tight arms, lens shaped	NGC 3623
66	M 66	Spiral	Leo	11 20 12	+ 12 59 48	10	8' x 2.5'	35 M	Sb spiral, mottled appearance	NGC 3627
95	M 95	Barred Spiral	Leo	10 43 55	+ 11 42 06	11	3' x 3'	25 M	Bar is 1.4' x 0.3' with circular arms	NGC 3351
96	M 96	Spiral	Leo	10 46 43	+ 11 49 06	10.5	6' x 4'	25 M	Bright center, oval shape	NGC 3368
105	M 105	Elliptical	Leo	10 47 49	+ 12 35 06	11	2' x 2'	25 M	2 more members of Leo cluster within 15'	NGC 3379
Virgo Cluster (Spring/Summer)										
85	M 85	Elliptical	Com	12 25 28	+ 18 11 42	10.5	4' x 2'	44 M	Irregular oval, 45,000 ly across, foreground star	NGC 4382
100	M 100	Spiral	Com	12 22 58	+ 15 49 42	10.5	5' x 5'	40 M	Sc spiral, starlike nucleus, diffuse patch	NGC 4321
98	M 98	Spiral	Com	12 13 52	+ 14 54 42	11	8' x 2'	37 M	Nearly edge-on, bright nucleus, mottled	NGC 4192
91	M 91	Barred Spiral	Com	12 35 28	+ 14 29 42	11.5	4' x 4'	40 M?	Missing Messier object, visually appears oval	NGC 4548
99	M 99	Spiral	Com	12 18 52	+ 14 25 42	10.5	4' x 4'	48 M	Face-on, hint of spirals, 50,000 ly across	NGC 4254
88	M 88	Spiral	Com	12 32 04	+ 14 25 42	11	5' x 2.5'	40 M	Starlike core, irregular brightness shows arms	NGC 4501
90	M 90	Spiral	Vir	12 36 52	+ 13 09 48	11	7' x 3'	40 M?	Diffuse central region, arms not visible	NGC 4569
86	M 86	Elliptical	Vir	12 26 16	+ 12 56 42	11	2' x 1'	40 M?	E1 elliptical, well-defined edges	NGC 4406
84	M 84	Elliptical	Vir	12 25 04	+ 12 53 42	11	2' x 2'	40 M?	Type E0, appears similar to unresolved glob	NGC 4374
89	M 89	Elliptical	Vir	12 35 40	+ 12 33 42	11.5	2' x 2'	40 M?	Slightly oval elliptical	NGC 4552
87	M 87	Elliptical	Vir	12 30 52	+ 12 23 42	11	3' x 3'	50 M?	Giant elliptical w/jet, radio+x-ray, 790 Billion Mo	NGC 4486
58	M 58	Spiral	Vir	12 37 46	+ 11 49 48	11	4.5' x 3.5'	70 M	Oval core with mottled halo, fairly bright	NGC 4579
59	M 59	Elliptical	Vir	12 42 04	+ 11 38 48	11.5	2.6' x 1.6'	40 M?	E4, hazy oval patch, 250 Bil stars, 24,000 ly across	NGC 4621
60	M 60	Elliptical	Vir	12 43 40	+ 11 33 48	10.5	3' x 3'	50 M?	11 mag. spiral NGC 4647 5' W of M 60	NGC 4649
49	M 49	Elliptical	Vir	12 29 46	+ 08 00 42	10	3' x 2'	70 M	E4 galaxy, bright center with halo	NGC 4472
61	M 61	Spiral	Vir	12 21 59	+ 04 28 42	10.5	5' x 5'	70 M	Starlike nucleus, 3 spiral arms show as patches	NGC 4303
Loner Galaxies (Spring/Summer)										
64, 249	M 64 Black-Eye	Spl Gal	Com	12 56 44	+ 21 40 54	9	6' x 3'	12 M	Sb, good detail, dark patch is "black eye"	NGC 4826
104, 244	M 104 Sombrero	Spl Gal	Vir	12 39 54	- 11 37 12	9.5	6' x 2'	40 M	Bright, edge-on, nuclear bulge, dark dust rim	NGC 4594
83	M 83	Spl Gal	Hya	13 37 07	- 29 51 36	8.5	10' x 8'	8 M	4 supernovas in M 83 in 50 years	NGC 5236