

Turn Left at Orion
Galaxies

Name	Constellation	Magnitude	Size	Rating			For Best View:		Coordinates		notes	page	Season	additional description
				Dob	small	binocs	sky	magnification	Right Ascension	Declination				
M65	Leo	9.2	2.9' by 9', N-S	3	2	x	dark	low	11 H 18.9 min.	13° 7'	one of the 'Leo trio' galaxies	100	Apr.-Jun.	spiral galaxy; the roundest of the Leo Trio (with M66 and NGC 3628)
M66	Leo	8.9	4' by 9', N-S	3	2	x	dark	low	11 H 20.2 min.	13° 1'	one of the 'Leo trio' galaxies	100	Apr.-Jun.	spiral galaxy; quite bright, oddly-shaped member of the Leo Trio (with M65 and NGC 3628)
NGC 3628	Leo	9.6	13.1' by 3.1', E-W	3	1	x	dark	low	11 H 20.3 min.	13° 37'	one of the 'Leo trio' galaxies	100	Apr.-Jun.	spiral galaxy; nifty, elongated member of the Leo Trio (with M65 and M66)
NGC 3607	Leo	9.9	4'	2	1	x	dark	low	11 H 16.9 min.	18° 3'	galaxy near the Leo trio	101	Apr.-Jun.	elliptical galaxy, part of a nice little Dob trio (NGC 3607, 3608, 3632)
NGC 3608	Leo	10.7	2.8'	2	1	x	dark	low	11 H 17 min.	18° 9'	galaxy near the Leo trio	101	Apr.-Jun.	elliptical galaxy, part of a nice little Dob trio (NGC 3607, 3608, 3632)
NGC 3632	Leo	10.9	3' by 2', NW-SSW	2	1	x	dark	low	11 H 20.1 min.	18° 21'	galaxy near the Leo trio	101	Apr.-Jun.	spiral galaxy, part of a nice little Dob trio (NGC 3607, 3608, 3632)
M95	Leo	9.8	5' by 7', N-S	3	1	x	dark	low	10 H 44 min.	11° 42'	one of the bright Leo I galaxies	102	Apr.-Jun.	spiral galaxy; with M96 and M105, visible in small telescopes
M96	Leo	9.3	5' by 7', N-S	3	1	x	dark	low	10 H 46.8 min.	11° 49'	one of the bright Leo I galaxies	102	Apr.-Jun.	spiral galaxy; with M95 and M105, visible in small telescopes
M105	Leo	8.4	4' by 5', ENE-WSW	3	1	x	dark	low	10 H 47.8 min.	12° 35'	one of the bright Leo I galaxies	102	Apr.-Jun.	elliptical galaxy; with M95 and M96, visible in small telescopes
NGC 3384	Leo	9.9	5.4' by 2.7', NE-SE	2	x	x	dark	low	10 H 48.3 min.	12° 38'	in Leo I Galaxy Group	102	Apr.-Jun.	elliptical galaxy, quite bright and next to M105
NGC 3389	Leo	11.8	2.9' by 1.3', ESE-WSW	1	x	x	dark	low	10 H 48.5 min.	12° 32'	in Leo I Galaxy Group	102	Apr.-Jun.	dim spiral galaxy making a tight triangle with M105 amd NGC 3384
NGC 3412	Leo	10.4	3.7' by 2.2', NNE-SSW	1	x	x	dark	low	10 H 50.9 min.	13° 25'	in Leo I Galaxy Group	102	Apr.-Jun.	spiral galaxy, off to the northeastern edge of the Leo I galaxy group
NGC 4754	Virgo	10.5	4.4' by 2.4', NNE-SSW	1	x	x	dark	low	12 H 52.3 min.	11° 19'	Virgo galaxy chart 1	105	Apr.-Jun.	spiral galaxy; dim, near NGC 4762
NGC 4762	Virgo	10.1	8.7' by 1.7', NNE-SSW	2	1	x	dark	low	12 H 52.9 min.	11° 14'	Virgo galaxy chart 1	105	Apr.-Jun.	spiral galaxy; the first you encounter in the Virgo group as you start from Vindemiatrix
NGC 4469	Virgo	11.5	3.8' by 1.3', E-W	1	x	x	dark	low	12 H 29.5 min.	8° 45'	Virgo galaxy chart 2	106	Apr.-Jun.	dim spiral galaxy near M49
M49	Virgo	8.3	8' by 10', NNE-SSW	3	2	1	dark	low	12 H 29.8 min.	8° 0'	bright; Virgo galaxy chart 2	106	Apr.-Jun.	bright elliptical galaxy, away from the bulk of the Virgo group
NGC 4526	Virgo	9.6	7' by 2.5', ESE-WSW	1	x	x	dark	low	12 H 34 min.	7° 42'	Virgo galaxy chart 2	106	Apr.-Jun.	spiral galaxy near M49
NGC 4535	Virgo	9.8	7.1' by 5', N-S	1	x	x	dark	low	12 H 34.3 min.	8° 12'	Virgo galaxy chart 2	106	Apr.-Jun.	spiral galaxy near M49
M84	Virgo	9.2	5' by 6', NW-SE	3	1	1	dark	low	12 H 25.1 min.	12° 53'	bright; Virgo galaxy charts 4,5	107	Apr.-Jun.	bright elliptical galaxy anchoring the western end of Markarian's chain, next to M86
M86	Virgo	8.9	5' by 8', NW-SE	3	2	1	dark	low	12 H 26.2 min.	12° 57'	bright; Virgo galaxy charts 4,5	107	Apr.-Jun.	bright elliptical galaxy in Markarian's chain, next to M84
NGC 4435	Virgo	10.8	3' by 2.2', N-S	1	x	x	dark	low	12 H 27.7 min.	13° 5'	Virgo galaxy charts 4,5	107	Apr.-Jun.	dim, small elliptical galaxy in Markarian's chain, right next to NGC 4438
NGC 4438	Virgo	10	8.5' by 3', NNE-SSW	2	1	x	dark	low	12 H 27.8 min.	13° 0'	Virgo galaxy charts 4,5	107	Apr.-Jun.	elongated-looking spiral galaxy in Markarian's chain, near M86
NGC 4461	Virgo	11.1	3.4' by 1.4', N-S	1	x	x	dark	low	12 H 29 min.	13° 11'	Virgo galaxy chart 4	107	Apr.-Jun.	dim spiral galaxy in Markarian's chain
NGC 4473	Virgo	10.2	4.5' by 2.5', E-W	1	x	x	dark	low	12 H 29.8 min.	13° 26'	Virgo galaxy chart 4	107	Apr.-Jun.	dim elliptical galaxy in Markarian's chain
NGC 4477	Virgo	10.4	3.4'	1	x	x	dark	low	12 H 30 min.	13° 38'	Virgo galaxy chart 4	107	Apr.-Jun.	dim spiral galaxy at the northeastern end of Markarian's chain
M87	Virgo	8.6	6' by 8', N-S	3	2	1	dark	low	12 H 30.8 min.	12° 23'	Virgo galaxy chart 4	107	Apr.-Jun.	bright, prominent elliptical galaxy southeast of Markarian's chain
M88	Coma Berenices	9.4	3' by 6', NW-SE	2	1	1	dark	low	12 H 32 min.	14° 25'	Virgo galaxy chart 4	107	Apr.-Jun.	spiral galaxy
M91	Coma Berenices	10.1	4' by 5', NNE-SSW	2	1	x	dark	low	12 H 35.4 min.	14° 30'	Virgo galaxy chart 4	107	Apr.-Jun.	spiral galaxy
M89	Virgo	9.9	3' by 3.5'	2	1	1	dark	low	12 H 35.7 min.	12° 33'	Virgo galaxy charts 3,4	107	Apr.-Jun.	elliptical galaxy
M90	Virgo	9.4	4' by 9', NNE-SSW	2	1	x	dark	low	12 H 36.8 min.	13° 10'	Virgo galaxy charts 3,4	107	Apr.-Jun.	spiral galaxy
M58	Virgo	9.6	4' by 6', E-W	1	1	x	dark	low	12 H 37.7 min.	11° 49'	Virgo galaxy chart 3	107	Apr.-Jun.	spiral galaxy
M59	Virgo	9.7	3' by 5', N-S	1	1	x	dark	low	12 H 42 min.	11° 39'	Virgo galaxy chart 3	107	Apr.-Jun.	elliptical galaxy near M60
NGC 4638	Virgo	11.1	2.2' by 1.4', NW-SE	1	x	x	dark	low	12 H 42.8 min.	11° 27'	Virgo galaxy chart 3	107	Apr.-Jun.	dim elliptical galaxy near M59 and M60
M60	Virgo	8.8	6' by 7', ESE-WSW	2	1	1	dark	low	12 H 43.7 min.	11° 33'	bright; Virgo galaxy chart 3	107	Apr.-Jun.	bright elliptical galaxy
M98	Coma Berenices	7.9	2.8' by 9', NNE-SSW	1	x	x	dark	low	12 H 13.8 min.	14° 54'	Virgo galaxy chart 5	108	Apr.-Jun.	spiral galaxy
NGC 4216	Virgo	10.3	8.1' by 1.8', NNE-SSW	1	x	x	dark	low	12 H 15.9 min.	13° 9'	Virgo galaxy chart 5	108	Apr.-Jun.	spiral galaxy; not very bright, but a pretty little elongate oval
M99	Coma Berenices	7.9	4' by 5', NE-SE	1	x	x	dark	low	12 H 18.8 min.	14° 25'	Virgo galaxy chart 5	108	Apr.-Jun.	spiral galaxy
M64	Coma Berenices	8.5	#N/A	2	1	x	dark	low	12 H 56.8 min.	21° 31'	Black Eye Galaxy, with M53	110	Apr.-Jun.	spiral galaxy
M94	Canes Venatici	8.1	12' by 14', ESE-WSW	3	1	x	dark	low	12 H 50.9 min.	41° 7'	small, bright galaxy	112	Apr.-Jun.	spiral galaxy
M63	Canes Venatici	8.5	7' by 12', ESE-WSW	2	1	x	dark	low	13 H 15.8 min.	42° 2'	with M94 and Cor Caroli	113	Apr.-Jun.	spiral galaxy
NGC 6207	Hercules	11.4	3' by 1.2', NNE-SSW	2	x	x	dark	medium	16 H 43.1 min.	36° 50'	dim galaxy very near M13	121	Jul.-Sep.	spiral galaxy; a Dob challenge close to M13
NGC 247	Cetus	8.9	19.2' by 5.7', NW-SE	1	x	x	dark	medium	0 H 47.1 min.	-20° 46'	challenging galaxy in Cetus	174	Oct.-Dec.	spiral galaxy; less prominent than NGC 253
NGC 253	Sculptor	7.3	29' by 6.8', NE-SE	3	1	1	dark	medium	0 H 47.5 min.	-25° 17'	the 'Sculptor Galaxy'	174	Oct.-Dec.	spiral galaxy; an elongate slash of light
M110	Andromeda	8.4	11' by 19', N-S	2	1	x	dark	low	0 H 40.3 min.	41° 41'	companion galaxy to M31	176	Oct.-Dec.	elliptical galaxy; irregularly shaped dimmer companion to M31
M31	Andromeda	3.5	60' by 185', NE-SE	4	4	4	dark	low	0 H 42.7 min.	41° 16'	The Great Andromeda Galaxy	176	Oct.-Dec.	the great Andromeda spiral galaxy - an awesome sight in all telescopes
M32	Andromeda	8.1	6' by 8', N-S	2	2	1	dark	low	0 H 42.7 min.	40° 52'	bright companion galaxy to M31	176	Oct.-Dec.	elliptical galaxy; small, bright companion to M31
M33	Triangulum	5.5	40' by 65', NNE-SSW	3	3	3	dark	low	1 H 33.9 min.	30° 39'	Triangulum Galaxy	178	Oct.-Dec.	great Tringulum spiral galaxy; invisible in beight skies, but delightful in dark skies
NGC 604	Triangulum	12	1.9'	1	x	x	dark	medium	1 H 34.5 min.	30° 47''	star-forming region inside M33	179	Oct.-Dec.	star-forming region in one of the arms of the Triangulum Galaxy, M33
M81	Ursa Major	7	11' by 20', NNE-SSW	3	2	1	dark	low	9 H 55.6 min.	69° 4'	Ursa Major galaxy in pair with M82	200	North	bright, oval spiral galaxy; makes nice pair with M82
M82	Ursa Major	8.6	4' by 11', ENE-WSW	3	2	1	dark	low	9 H 56.1 min.	69° 42'	Ursa Major galaxy in pair with M81	200	North	interesting, lumpy-looking edge-on spiral galaxy; makes nice pair with M81
NGC 2976	Ursa Major	10.1	5.9' by 2.7', NW-SE	1	x	x	dark	low	9 H 47.3 min.	67° 55'	dim galaxy near M81 & M82	201	North	dim spiral galaxy near M81 and M82
NGC 3077	Ursa Major	10	5'	2	x	x	dark	low	10 H 3.3 min.	68° 44'	dim galaxy near M81 & M83	201	North	dim spiral galaxy near M81 and M82
M51	Canes Venatici	8.1	6' by 11', N-S	3	2	1	dark	medium	13 H 29.9 min.	47° 12'	Whirlpool Galaxy, M51	204	North	wonderful spiral galaxy, with spiral arms appearing in a Dob on a dark night
NGC 5195	Canes Venatici	9.6	5.9' by 4.6', E-W	2	1	x	dark	medium	13 H 30 min.	47° 16'	companion 'attached to' M51	204	North	dwarf galaxy 'attached to' the end of one of M51's arms - small but it appears quite blight
M101	Ursa Major	8.4	15'	3	2	1	dark	medium	14 H 3.2 min.	54° 21'	Pinwheel galaxy	206	North	face-on spiral galaxy - on a dark night a Dob may show a hint of spiral arms
Small Magellanic Cloud	Tucana	2.3	6.5° by 3.5°	4	4	3	dark	low	0 H 53 min.	-72° 50'	The SMC (Small Magellanic Cloud)	210	South	huge-looking dwarf galaxy companion to the Milky Way; very much worth exploring
Large Magellanic Cloud	Dorado	0.2	10° by 8°	5	5	5	dark	low	5 H 20 min.	-69° 0'	The LMC (Large Magellanic Cloud)	216	South	the great celestial candy shop - a treat everywhere you look in it
NGC 4945	Centaurus	8.6	19.8' by 4', NE-SE	2	x	x	dark	medium	13 H 5.4 min.	-49° 28'	nice edge-on galaxy for large 'scopes	238	South	large spiral galaxy, with low surface brightness - but a lovely sight in a Dob on a dark night
NGC 5128	Centaurus	6.6	25.7' by 20', NE-SE	3	2	1	dark	medium	13 H 25.5 min.	-43° 1'	the 'Hamburger' galaxy, Centaurus-A	239	South	spiral galaxy; large, with a diffuse dark band separating the 'hamburger buns'; a fun challenge
NGC 6744	Pavo	8.3	20.1' by 12.9', NNE-SSW	3	1	x	dark	medium	19 H 09.7 min.	-63° 51'	a nice face-on spiral galaxy in Pavo	241	South	pretty galaxy; resolving structure is a fun challenge