

## Galaxy List

Constellation	Galaxy #	RA	Dec	Mag	Size	Description	Common Name
<b>Andromeda</b>	NGC 224 (M 31)	00h 42m 42s	41° 16' 08	3.5	175' x 62'	Very elongated galaxy, dusty with bright core	Andromeda Galaxy
	NGC 221 (M 32)	00h 42m 42s	40° 52' 56	9.1	8.8' x 6.5'	Round galaxy with bright core	
	NGC 891	02h 22m 33.4s	42° 2' 03	10	13.5' x 2.8'	Fine edge-on spiral with faint dust lane	
<b>Canes Venatici</b>	NGC 4490	12h 30m 36s	41° 38' 33	9.8	6.0' x 3.0'	Spiral galaxy structure, attached companion	Cocoon Galaxy
	NGC 4258 (M 106)	12h 19m 00s	47° 18' 31	8.3	12.0' x 4.0'	Spiral galaxy structure with bright knots	
<b>Camelopardius</b>	<b>NGC 2403*</b>	07h 36m 54s	65° 36' 10	8.4	18.0' x 10.0'	Spiral galaxy structure with bright knots	
<b>Cephus</b>	NGC 6946	20h 34m 48s	60° 09' 15	8.9	9.0'	Multi-arm spiral galaxy structure with bright knots	Fireworks Galaxy
<b>Centarus</b>	<b>NGC 5128*</b>	13h 25m 30s	43° 01' 00	7	18.2' x 14.5'	Round galaxy, dusty dark lane	Centarius A
<b>Cetus</b>	NGC 1068 (M 77)	02h 42m 42s	00° 01' 48	8.8	7.0'	Round galaxy with bright core	
<b>Coma Bernices</b>	NGC 4565	12h 36m 18s	25° 59' 17	9.6	12.0' x 1.5'	Edge-on galaxy with dusty lane	Needle Galaxy
<b>Corvus</b>	NGC 4038	12h 01m 59s	18° 52' 02	10.5	11.2' x 5.9'	Round galaxy , bright middle	Antennae Galaxy
	NGC 4039	12h 01m 54s	18° 53' 29	10.3	9.8' x 4.5'	Large faint galaxy	Antennae Galaxy
<b>Draco</b>	NGC 5907	15h 15m 53.9s	56° 19' 38	10.3	12.3' x 1.8'	Edge-on galaxy, extremely elongated	Splinter Galaxy
	<b>NGC 4236*</b>	12h 16m 42s	69° 27' 47	9.7	22.5' x 6.2'	Very elongated galaxy, dusty with bright core	
<b>Eridanus</b>	NGC 1232	03h 09m 48s	20° 34' 52°	9.9	8.5' x 7.5'	Face-on spiral galaxy structure with companion galaxy	
<b>Fornax</b>	NGC 1365	03h 33m 36s	36° 08' 16	9.5	11.2' x 6.2'	Barred spiral galaxy structure	Great Barred Spiral
	<b>NGC 1097*</b>	02h 46m 18s	30° 16' 21	9.3	8.0' x 7.0'	Very elongated galaxy with close companion	
<b>Leo</b>	NGC 2903	09h 32m 12s	21° 29' 58	8.9	13.0' x 5.0'	Elongated galaxy with dusty lanes	
	NGC 3627 (M 66)	11h 20m 12s	12° 59' 00	9	7.6' x 3.3'	Spiral galaxy structure	
	NGC 3351 (M 95)	10h 44m 00s	11° 42' 14	9.7	7.0' x 4.0'	Barred spiral galaxy structure	
<b>Pegasus</b>	NGC 7331	22h 37m 06s	34° 25' 00	9.5	10.0' x 3.0'	Very elongated galaxy, dusty lanes, bright core	
<b>Pisces</b>	NGC 628 (M 74)	01h 36m 42s	15° 47' 00	9.2	11.0' x 9.0'	Face-on spiral galaxy structure	
<b>Sagittarius</b>	<b>NGC 6822*</b>	19h 44m 54s	14° 48' 11	9	10.0'	Oval galaxy, low surface brightness with knots	Barnards Galaxy
<b>Sculptor</b>	NGC 253	00h 47m 36s	25° 17' 20	7.1	25.0' x 5.0'	Very elongated barred galaxy with dust lanes and bright knots	
<b>Sextants</b>	NGC 3115	10h 05m 12s	07° 43' 05	9.2	7.2' x 2.4'	Edge-on galaxy with bright core	Spindle Galaxy
<b>Triangulum</b>	NGC 598 (M 33)	01h 33m 54s	30° 39' 37	5.7	64.0' x 35.0'	Spiral galaxy with bright knots	Triangulum Galaxy
<b>Ursa Major</b>	NGC 3034 (M 82)	09h 55m 48s	69° 40' 57	8.4	8.4' x 3.4'	Very elongated galaxy, dust and bright knots	Chaotic Galaxy
	NGC 5457 (M 101)	14h 03m 12s	54° 20' 55	7.7	40.0'	Spiral galaxy structure with bright knots	Pinwheel Galaxy
<b>Virgo</b>	NGC 4594 (M104)	12h 40m 00s	11° 37' 34	8.3	8.0' x 5.0'	Edge-on galaxy with dark lane	Sombrero Galaxy
	NGC 4569 (M 90)	12h 36m 48s	13° 09' 48	9.5	11.0' x 3.0'	Very elongated galaxy with bright core	

Bold face with asterisks are challenge objects.  
Observe 20 out of 30 galaxies with one challenge object.