

URSA MAJOR overview (Messier and Caldwell objects)

22 Objects

Globular clusters

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C25	LYN			10.40	1.5'	100 mm				250000 Ly	2419
M3	CVN			6.20	7'	3.5x15				30000 Ly	5272

2 globular clusters

Galaxies

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
C3	DRA			9.70	17'x3.5'	120 mm					4236
C7	CAM			8.40	7'x4'	10x50				10 Mio. Ly	2403
C21	CVN			9.40	3'x2'	10x50				16 Mio. Ly	4449
C26	CVN		pretty bright, very large	10.20	16'x1'					10 Mio. Ly	4244
C29	CVN		very bright, very large, south brighter middel nucleus	9.80	5'x2'					69 Mio. Ly	5005
C32	CVN	Humpback Whale galaxy		9.30	10'x2'	10x50				35 Mio. Ly	4631
C35	COM			11.40	1'	120 mm				300 Mio. Ly	4889
C36	COM			9.80	5'x2'	63 mm				40 Mio. Ly	4559
M51	CVN	Whirlpool galaxy		8.40	8'x4'	8x30				30 Mio. Ly	5194
M63	CVN	Sunflower galaxy		8.60	4'x2.5'	10x50				30 Mio. Ly	5055
M81	UMA			6.90	17'x3.5'	3.5x15				13 Mio. Ly	3031
M82	UMA			8.40	6'x2'	8x30				13 Mio. Ly	3034
M94	CVN			8.20	3'	8x30				20 Mio. Ly	4736
M101	UMA	Pinwheel galaxy		7.90	18'x11'	8x30				25 Mio. Ly	5457
M102	DRA			9.90	8'x1'	10x50				40 Mio. Ly	5866
M106	CVN		Supermassive black hole	8.40	8'x3.5'	10x50				30 Mio. Ly	4258
M108	UMA			10.00	5'x1.5'	10x50				45 Mio. Ly	3556
M109	UMA			9.80	3'x1.5'	10x50				60 Mio. Ly	3992

18 galaxies

Nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M40	UMA			9.30	49'	10x50				500 Ly	-

1 nebula

Planetary nebula

Object	Const.	Name	Description	Vmag	Size	Instrument	OIII	UHC	H-β	Distance	NGC/IC
M97	UMA	Owl nebula		9.90	3.3'	10x50	++	+	-	2500 Ly	3587

1 planetary nebula

