

Meeting Date	March 10, 2024	
Night Begins	9:06 PM. EDT	<i>Note: Astronomical Twilight Ends</i>
Solar Noon / Midnight	1:42 EDT	<i>Note: on Meeting Date</i>
Moon Quarters	Last 03/03, New 03/10, First 03/17, Full 03/25	
Darkest Evenings	03/01 – 03/15	<i>Note: 2 days before Last thru 2 days before First</i>
Viewing Resources	Evening Sky Maps Astronomy Forecasts Peter Birren's Deep-Sky Fieldbooks	http://skymaps.com/ https://clearoutside.com/forecast/42.82/-83.14 http://oaklandastronomy.net/ambient_RH.html http://www.birrendesign.com/astro.html

Featured Constellation: LeoA selection from Peter Birren's excellent deep-sky fieldbook, *"Objects in the Heavens"*, **pages 90-91**

CONSTELLATION	COMMON NAME		SEASON, ON MERIDIAN	ABBREVIATION		
ITEM IDENTIFIER	TYPE	DETAILS	☆☆ SEPARATION / SIZE	RA	DEC	MAG
Leo		<i>the Lion</i>	Spring Apr 10			LEO
<i>"A fine constellation, the fore part of which is marked to the naked eye by a sickle of conspicuous stars. At the bottom of the handle, and very nearly in the pathway of the sun, is the leader, Regulus, the Lion's Heart.</i>						
☆☆ Regulus	α	Heart of the Lion; α ₂ deep yellow; 77.5LY 2.9'	10:09.4	11°52'	1.4/8.2	
☆☆ Denebola	β	Tail ☆; several faint pairings	11:50.1	14°28'	2.14	
☆☆ Algieba	γ	! Lion's Mane; finest ☆☆; gold	10:21.0	19°45'	2.4/6.3	
☆☆ 54		Greenish white/blue	6.5"	10:56.7	24°39'	4.5/6.3
○ M65	3623	SG Sa/Sb; 14° tilt; faint branches	8'x2'	11:19.9	12°59'	9.0
○ M66	3627	SG Sb; brightest of <i>Leo Triplet</i> ; 2 bright arms; 180LY separates <i>Leo Triplet</i>	9'x4'	11:21.3	12°53'	9.0
○ M95	3351	SG SBb; barred; bright core	4'x3'	10:44.9	11°36'	9.8
○ M96	3368	SG Sb; round; bright core; 35LY 6'x4'	10:47.8	11°43'	9.2	
○ M105	3379	EG E1; bright core; near 3384/3389	3'x2'	10:48.9	12°29'	9.3
○ NGC2903		! Sb; elongated; mottled arms	12'x6'	09:33.3	21°25'	9.0
○ NGC2905		SG Bright star cloud (knot) inside NGC2903	09:32.2	21°25'	8.8	
○ NGC3227		SG Sa/Sb; dim NGC3226 nearby	6.6'x5'	10:24.6	19°46'	10.3
○ NGC3377		SG E5; in Leo group, bright core	4'x2.6'	10:48.7	13°53'	10.3
○ NGC3384		EG E7/S0; in field of M105/NGC3389	5'x3'	10:49.3	12°31'	9.9
○ NGC3412		EG E5/S0; circular; difficult	4'x2'	10:51.9	13°18'	10.5
○ NGC3489		SG E6/S0; 80☆; in Leo group	3.6'x2'	11:01.3	13°48'	10.2
○ NGC3521		SG Sb; elongated; dusty; bright	11'x5'	11:06.8	-00°08'	9.1
○ NGC3607		EG E5/S0; rich; faint; 3605/08 n'by	5'x4'	11:17.9	17°57'	9.9

- $\text{NGC}3628$ SG Sb; *Hamburger Gal.*; edge-on $14' \times 4'$ 11:21.3 $13^\circ 29'$ 9.5
35_{MLY}; large; part of the *Leo Triplet*; 100,000LY diam.
- $\text{NGC}3640$ EG E2; dim $\text{NGC}3641$ is $2.5'$ away $4.5' \times 4'$ 11:22.1 $03^\circ 08'$ 10.3
- Leo 1 EG E3; *Regulus Galaxy*; dwarf; L $11' \times 8'$ 10:09.5 $12^\circ 13'$ 10.0
 0.3° N of Regulus; 880kLY away; 1,000LY across