

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

Featured Constellation: Leo

A 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	4.5"	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; 180kLY separates Leo Triplet	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; 35MLY	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	SG	! 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

- NGC3628 SG Sb; *Hamburger Gal.*; edge-on 14'x4' 11:21.3 13°29' 9.5
35_MLY; large; part of the *Leo Triplet*; 100,000LY diam.
- NGC3640 EG E2; dim NGC3641 is 2.5' away 4.5'x4' 11:22.1 03°08' 10.3
- Leo 1 EG E3; *Regulus Galaxy*; dwarf; L 11'x8' 10:09.5 12°13' 10.0
0.3° N of Regulus; 880_kLY away; 1,000LY across