

<u>Meeting Date</u>	March 12, 2023		
<u>Night Begins</u>	9:10 PM. EDT	<i>Note: Astronomical Twilight Ends</i>	
<u>Solar Noon / Midnight</u>	1:44 EDT	<i>Note: on Meeting Date</i>	
<u>Moon Quarters</u>	Full 03/07, Last 03/14, New 03/21, First 03/28		
<u>Darkest Evenings</u>	03/12 – 03/26	<i>Note: 2 days before Last Quarter thru 2 days before First Quarter</i>	

Viewing Resources	Evening Sky Maps	http://skymaps.com/
	Astronomy Forecast	https://www.cleardarksky.com/
	RASC Finest NGC Objects	https://www.rasc.ca/finest-ngc-objects
	A. Clarke's Discovering Astronomy	https://discovering-astronomy.eu/index.html

RASC Finest NGC Focus: 10 Hours RA Thru 11 Hours RA *Note: West to East*

Featured Objects

Primary ID	RASC Number	Alternate ID	Con	Type	RA 2000	Decl 2000	Mag	Size
NGC 3079	41	MCG 9-17-10	UMa	Gal	10h01m58.5s	+55°40'50"	11.4	7.8'x 1.3'
	Edge-on spiral; NGC 2950 nearby							
NGC 4026	45	MCG 9-20-52	UMa	Gal	11h59m25.2s	+50°57'42"	11.7	4.7'x 0.9'
	Lens-shaped edge-on near gamma UMa							
NGC 3877	43	MCG 8-22-2	UMa	Gal	11h46m07.8s	+47°29'41"	11.8	5.0'x 1.1'
	Edge-on; same field as chi UMa							
NGC 3184	42	MCG 7-21-37	UMa	Gal	10h18m17.0s	+41°25'28"	10.4	7.2'x 7.1'
	Large, diffuse face-on spiral							
NGC 3941	44	MCG 6-26-51	UMa	Gal	11h52m55.3s	+36°59'11"	11.3	3.5'x 2.3'
	Small, bright and elliptical							
NGC 3432	53	Arp 206	LMi	Gal	10h52m30.9s	+36°37'09"	11.6	6.8'x 1.6'
	Nearly edge-on; faint flat streak							
NGC 3344	52	MCG 4-25-46	LMi	Gal	10h43m31.2s	+24°55'20"	10.5	6.6'x 6.3'
	Diffuse face-on large spiral							
NGC 3607	57	MCG 3-29-20	Leo	Gal	11h16m54.5s	+18°03'11"	10.9	4.6'x 4.0'
	NGCs 3605 & 3608 in same field							
NGC 3628	58	Arp 317	Leo	Gal	11h20m16.9s	+13°35'28"	10	12.3'x 3.3'
	Large edge-on; same field as M65 and M66							
NGC 3384	55	MCG 2-28-12	Leo	Gal	10h48m16.9s	+12°37'43"	10.9	5.4'x 3.2'
	Same field as M105 and NGC 3389							
NGC 3521	56	MCG 0-28-30	Leo	Gal	11h05m48.8s	-00°02'06"	9.9	9.5'x 4.6'
	Very large, bright spiral							
NGC 3115	49	Spindle Galaxy	Sex	Gal	10h05m14.0s	-07°43'07"	10	7.6'x 3.5'
	Spindle Galaxy; bright and elongated							
NGC 3242	50	Ghost of Jupiter	Hya	PN	10h24m46.1s	-18°38'32"	8.6	40"
	!! Ghost of Jupiter; small but bright							

Urban & Small Scope Bonus Focus: 10 Hours RA Thru 11 Hours RA *Note: West to East*

A selection of double stars from Agnes Clarke's excellent book, *Discovering Double Stars (for Northern light-polluted skies)*

Primary ID	Magnitude	Separation	PA	Description
Gamma Leo, page 140	2.2 3.5	4.4"	122	Algeiba, this is one of the finest yellow - yellow doubles
Struve 1520, page 151	6.6 7.9	12.7"	344	An easily separated pairing of two yellowish stars
54 Leo, page 156	4.5 6.3	6.5"	110	A bright white primary very close to a fairly bright white companion.
90 Leo, page 158	6.3 7.3	13.1"	209	A balanced pair of fairly bright bluish stars, very closely separated.
35 Sex, page 159	6.3 7.4	6.8"	240	An unusual orange-yellow pairing, reasonably balanced.
83 Leo, page 160	6.6 7.5	28.6"	146	A yellow primary with an apparent orange secondary, wide.
Gamma Crt, page 164	4.1 4.6 7.9	1.3" 4.4"	126 92	A close trio, brilliant white primary, blue secondary, fainter tertiary.