

Meeting Date	March 12, 2023										
Night Begins	9:10 PM. EDT	<i>Note: Astronomical Twilight Ends</i>									
Solar Noon / Midnight	1:44 EDT	<i>Note: on Meeting Date</i>									
Moon Quarters	Full 03/07, Last 03/14, New 03/21, First 03/28										
Darkest Evenings	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					<i>Note: West to East</i>					
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					<i>Note: West to East</i>					
	A selection of double stars from Agnes Clarke's excellent book, <i>Discovering Double Stars (for Northern light-polluted skies)</i>										
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.							