

Meeting Date	February 12, 2023	
Night Begins	7:37 PM. EST	<i>Note: Astronomical Twilight Ends</i>
Solar Noon / Midnight	12:49 EST	<i>Note: on Meeting Date</i>
Moon Quarters	Full 02/05, Last 02/13, New 02/20, First 02/27	
Darkest Evenings	02/11 – 02/25	<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: 07 Hours RA Thru 09 Hours RA** *Note: West to East*

Featured Objects		<i>Note: Quality 1 = very easy, 5 = very hard, A = spectacular, D = detectable but featureless</i>							
Primary ID	RASC Number	Alternate ID	Con	Type	RA 2000	Decl 2000	Mag	Size	Quality
NGC 2655		38 Arp 225	Cam	Gal	08h55m38.9s	+78°13'25"	11	4.5'x 2.8'	3B
	Bright ellipse with star-like nucleus								
NGC 2403		37 MCG 11-10-7	Cam	Gal	07h36m50.7s	+65°36'09"	8.8	20.0'x 10.0'	1A
	!! Very large & bright; visible in binoculars								
NGC 2841		40 MCG 9-16-5	UMa	Gal	09h22m02.5s	+50°58'35"	10	7.8'x 3.7'	2A
	!! Classic elongated spiral; very bright								
NGC 3003		51 MCG 6-22-13	LMi	Gal	09h48m35.6s	+33°25'19"	12.2	5.1'x 1.3'	3A
	Faint elongated streak								
NGC 2683		39 UFO Galaxy	Lyn	Gal	08h52m41.2s	+33°25'16"	10	8.7'x 2.5'	1A
	Nearly edge-on spiral; very bright								
NGC 2371		30 Gemini Nebula; 23	Gem	PN	07h25m34.7s	+29°29'26"	11.2	1.2'	3A
	Faint double-lobed planetary; use filter								
NGC 2903		54	Leo	Gal	09h32m09.7s	+21°30'03"	10	11.5'x 4.2'	2A
	!! Very large, bright elongated spiral								
NGC 2392		31 Eskimo, Clown	Gem	PN	07h29m10.8s	+20°54'42"	8.6	47"	2A
	!! Clown Face or Eskimo Nebula								
NGC 2539		36 Collinder 176	Pup	OC	08h10m37.0s	-12°49'06"	8	9.0'	2C
	50 stars; rich cluster; near M46 and M47								
NGC 2359		34 Thor's Helmet	CMa	EN	07h18m30.0s	-13°14'00"	11.5	10.0'	3C
	Duck Nebula, Bright; look for NGC 2360 & 2362 nearby, use filter								
NGC 2440		35 PN G234.8+02.4	Pup	PN	07h41m55.4s	-18°12'31"	11.5	54"	2B
	Almost star-like; irregular at high power								

Urban & Small Scope Bonus **Focus: 07 Hours RA Thru 09 Hours RA** *Note: West to East* **A selection of stars from Agnes Clarke's excellent book, *Discovering Double Stars (for Northern light-polluted skies)***

Primary ID	Description
19 Lyn, page 97	An easily separated and reasonably balanced yellow-blue pairing.
Wasat, page 109	A brilliant white star with a close orange-yellow companion.
21 UMa, page 131	SAO 27249, Struve 1346, A close yellow-blue pair.
Struve 1108, page 139	A yellow primary comfortably separated from a blue secondary.
Struve 1103, page 141	A close but relatively faint yellow-blue pairing.
Kappa Gem, page 142	A brilliant orange primary with a small blue companion close by.
Struve 1311, page 142	A close pair of equal yellowish stars.
Struve 1245, page 143	A well matched white-yellow pair, easily separated.