

Meeting Date	January 8, 2023	
Night Begins	6:59 PM. EST	<i>Note: Astronomical Twilight Ends</i>
Solar Noon / Midnight	12:41 EST	<i>Note: on Meeting Date</i>
Moon Quarters	Full 01/06, Last 01/14, New 01/21, First 01/28	
Darkest Evenings	01/12 – 01/26	<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: 5 Hours RA Thru 6 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 1931		24 Fly Nebula	Aur	E/RN	05h31m27.7s	+34°14'55"	14	1.8'	4A
		Haze surrounding 4 close stars, use filter							
NGC 2194		29 Collinder 87	Ori	OC	06h13m45.0s	+12°48'24"	10	9.0'	3B
		80 stars, fairly rich; look for 2169 nearby							
NGC 2022		27 PN G196.6-10.9	Ori	PN	05h42m06.2s	+09°05'11"	11.7	28"	3A
		Small, faint & distinct with annular form							
NGC 2261		33 Hubble's Neb, C46 Mon		E/RN	06h39m10.0s	+08°45'00"	9	2.2'x 1.5'	2A
		Hubble's Variable Nebula; comet-shaped							
NGC 2238		32 Rosette, C49	Mon	EN	06h32m02.0s	+04°59'10"	5.5	70.0'x 60.0'	2A
		!! Rosette Nebula; very large; use filter							
NGC 2024		28 Flame Nebula	Ori	EN	05h41m42.0s	-01°51'00"	7.8	20.0'	4A
		Bright but masked by glow from Zeta Orion							
NGC 1788		25 vdB 33	Ori	RN	05h06m54.0s	-03°20'00"	10.1	10.0'x 6.0'	2B
		Fairly bright but diffuse reflection nebula, use filter							
NGC 1973		26	Ori	E/RN	05h35m06.0s	-04°44'00"	7	13.1'	2A
		!! With NGC 1975 & NGC 1977, Just north of M42 and M43							

Urban & Small Scope Bonus **Focus: 5 Hours RA Thru 6 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
118 Tau: page 109	A bright white primary with a closely bound yellow secondary.
15 Gem: page 110	A widely separated orange and blue pairing
Lamda Ori: page 111	A close pair of white stars, with a brilliant primary and bright secondary
Struve 742: page 112	A nearly equal pair of yellowish stars with very close separation.
Struve 670: page 113	A balanced, very close pair; the primary is bluish.
38 Gem: page 114	A brilliant white primary with close yellow companion.
Epsilon Mon: page 114	An unequal pair of bright yellow stars, easily separated.