

Visual Observer Guide - January 2023

v0.1

<u>Meeting Date</u>	January 8, 2023	
<u>Night Begins</u>	6:59 PM. EST	<i>Note: Astronomical Twilight Ends</i>
<u>Solar Noon / Midnight</u>	12:41 EST	<i>Note: on Meeting Date</i>
<u>Moon Quarters</u>	Full 01/06, Last 01/14, New 01/21, First 01/28	
<u>Darkest Evenings</u>	01/12 – 01/26	<i>Note: 2 days before Last Quarter thru 2 days before First Quarter</i>
<u>Viewing Resources</u>	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 Note: Quality 1 = very easy, 5 = very hard, A = spectacular, D = detectable but featureless

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.