

Meeting Date

June 11, 2023

Night Begins11:27 PM. EDT *Note: Astronomical Twilight Ends***Solar Noon / Midnight**1:34 EDT *Note: on Meeting Date***Moon Quarters**

Full 04/03, Last 06/10, New 06/18, First 06/26

Darkest Evenings06/08 – 06/24 *Note: 2 days before Last Quarter thru 2 days before First Quarter***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: 13 Hours RA Thru 16 Hours RA***Note: West to East***Featured Objects**

NGC 5907	87	Splinter Galaxy	Dra	Gal	15h15m53.7s	+56°19'44"	11.1	11.0'x 1.4'
		!! fine edge-on with dust lane; Stellarium lists it as NGC 5906						
NGC 5005	66	MCG 6-29-52	CVn	Gal	13h10m56.3s	+37°03'30"	10.5	5.4'x 2.0'
		Bright elongated spiral near alpha CVn						
NGC 5033	67	MCG 6-29-62	CVn	Gal	13h13m27.5s	+36°35'37"	10.7	9.5'x 4.3'
		Large bright spiral near NGC 5005						
NGC 5466	86		Boo	GC	14h05m27.0s	+28°32'06"	9.2	9.0'
		Loose class XII; like rich open cluster. Faint						
NGC 6210	90	Turtle Nebula	Her	PN	16h44m29.5s	+23°48'00"	9.7	20"
		Blue star-like planetary						
NGC 5746	85	MCG 0-38-5	Vir	Gal	14h44m56.0s	+01°57'17"	11.4	6.8'x 1.1'
		Fine edge-on near 109 Virginis						

Urban & Small Scope Bonus**Focus: 13 Hours RA Thru 16 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)***Featured Double Stars**

Primary ID	Magnitude	Separation	PA	Description
Mizar, page 150	62.3 4.0 4.0	709" 14.4"	71 152	A delightful triple system of white stars
16/17 Cvn, page 152	6.0 6.3	277.5"	0	A distantly separated pair of bright white stars.
Kappa Boo, page 166	4.6 6.6	13.4"	236	Very bright white primary, bright blue secondary.
39 Boo, page 167	6.2 6.9	2.9"	45	A balanced tightly bound pair of yellow stars
Zeta CrB, page 168	5.1 6.0	6.3"	305	Matched pair are both blue, fainter greenish?
Izar, page 173	2.6 4.5	2.8"	347	A fine, very tight orange-yellow pair
Struve 1825, page 173	6.5 8.2	4.4"	163	A very close yellow-orange pairing
Struve 1910, page 175	7.5 7.5	4.3"	211	A close pair of perfectly balanced yellow stars.
Struve 1987, page 176	7.3 8.7	10.4"	320	A white primary with a fainter blue companion
Xi Boo, page 177	4.7 7.0	6.9"	332	A close yellow-orange duo