

Meeting Date	May 21, 2023	
Night Begins	10:58 PM. EDT	<i>Note: Astronomical Twilight Ends</i>
Solar Noon / Midnight	1:31 EDT	<i>Note: on Meeting Date</i>
Moon Quarters	Full 05/05, Last 05/12, New 05/19, First 05/27	
Darkest Evenings	05/10 – 05/25	<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: 12.30 Hours RA Thru 12.59 Hours RA *Note: West to East*

Featured Objects

Primary ID	RASC Number	Alternate ID	Con	Type	RA 2000	Decl 2000	Mag	Size
NGC 4605	48	MCG 10-18-74	UMa	Gal	12h39m59.4s	+61°36'33"	10.8	5.9'x 2.3'
	Bright, distinct edge-on spiral							
NGC 4490	63	Cocoon Galaxy	CVn	Gal	12h30m36.4s	+41°38'37"	9.8	6.3'x 2.0'
	Cocoon Galaxy: bright spiral; 4485 in field							
NGC 4631	64	Whale Galaxy	CVn	Gal	12h42m07.7s	+32°32'34"	9.5	13.2'x 2.4'
	!! Large edge-on; with companion 4627							
NGC 4656	65	Hockey Stick	CVn	Gal	12h43m57.6s	+32°10'13"	9.7	8.5'x 1.1'
	!! In field with 4631; NE end curves up							
NGC 4559	71	MCG 5-30-30	Com	Gal	12h35m57.7s	+27°57'35"	10.3	10.0'x 4.3'
	Large spiral with coarse structure							
NGC 4565	72	Needle Galaxy	Com	Gal	12h36m20.8s	+25°59'15"	10.1	14.5'x 2.3'
	!! Superb edge-on spiral with dust lane							
NGC 4494	70	MCG 4-30-2	Com	Gal	12h31m24.0s	+25°46'30"	10.7	4.4'x 4.2'
	Small bright elliptical							
NGC 4725	73	MCG 4-30-22	Com	Gal	12h50m26.6s	+25°30'03"	9.9	9.5'x 6.6'
	Very bright, large spiral							
NGC 4567	82	Siamese Twins	Vir	Gal	12h36m32.7s	+11°15'28"	12.1	2.9'x 2.2'
	Siamese Twins "interacting galaxies" with 4568							
NGC 4762	84	MCG 2-33-33	Vir	Gal	12h52m55.9s	+11°13'50"	11.1	8.5'x 3.2'
	Flattest galaxy known; 4754 in same field							
NGC 4535	81	Lost Galaxy	Vir	Gal	12h34m20.3s	+08°11'52"	10.5	7.2'x 6.3'
	Near M49 and 3/4 deg north of NGC 4526							
NGC 4526	80	MCG 1-32-100	Vir	Gal	12h34m03.0s	+07°41'57"	10.6	7.9'x 2.9'
	Between two 7th-mag stars							
NGC 4517	79	often mislabelled	Vir	Gal	12h32m45.6s	+00°06'54"	11.1	9.8'x 1.5'
	Faint edge-on spiral							
NGC 4699	83	MCG -1-33-13	Vir	Gal	12h49m02.2s	-08°39'52"	10.4	4.0'x 3.0'
	Small & bright; look for NGC 4697 3 deg north							

Urban & Small Scope Bonus Focus: 12.30 Hours RA Thru 12.59 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
STF 1695, page 150	6.0 7.9	3.7"	283	A bright yellow primary, a fainter blue companion.
Cor Corli, page 153	2.9 5.5	19.4"	229	A brilliant white primary star with a more orange secondary
24 Com, page 157	5.2 6.7	20.3"	271	An orange-blue pair
Prorrima, page 162	3.5 3.6	3.0"	357	An almost perfectly equal and close pair of yellowish stars
58 Crv, page 163	5.9 5.9	5.3"	314	A close pair of bright, yellowish stars, with a third faint star