

Visual Observer Guide – June 2022

V0.1

Meeting Date	June 12, 2022
Night Begins	11:27 PM EDT <i>Note: Astronomical Twilight Ends</i>
Solar Noon / Midnight	1:34 EDT <i>Note: on Meeting Date</i>
Moon Quarters	New 5/30, First 06/07, Full 6/14, Last 06/21, New 06/29
Darkest Evenings	05/20 - 06/05 06/18 - 07/4 <i>Note: 2 days before Last Quarter thru 2 days before First C</i>
Viewing Resources	Evening Sky Maps http://skymaps.com/ Astronomy Forecast https://www.cleardarksky.com/ Satellite Tracking https://www.heavens-above.com/ Melotte Catalogue https://en.wikipedia.org/wiki/Melotte_catalogue

Deep Sky **Focus: 15 Hours RA Thru 16 Hours RA** *Note: West to East*

Featured Targets *Note: Quality 1 = very easy, 5 = very hard, A = spectacular, D = detectable but featureless*

	M / NGC / IC	Constellation	Type	vMag	Quality	Common Name
Asterism	Backwards 5	Her	Ast	7-10	3A	
						One degree southwest of Zeta (40) Hercules. Shape of number '5'
Double Star	Zeta (7)	CrB	DS	5.1	2A	Zeta Coronae Borealis
						Mag 5.1, 6.0 Sep 6.3" Both very blue, RA 15 39 Dec +36 38, HIP 76669
Open Cluster	None					
						No Bright Open Clusters North of -35 Declination in these RA
Globular Cluster	M5	Ser	GC	5.6	2A	NGC 5904, Rose
						Nearly naked eye, near 5 Serpens in line with 109 & 110 Virgo
Galaxy	NGC 5846	Vir	GAL	11	3C	
						One of many galaxies in the area, part of line of 4, near 110 Virgo
Planetary Nebula	NGC 6210	Her	PLN	9.7	2A	Turtle Nebula
						A small but obvious bullet, hourglass shaped figure.
Emission Nebula	None					
						No Bright Emission Nebula North of -35 Declination in these RA

Constellations *Note: Sorted by Average RA, Rank by Size 1 - 88*

Name	Common Name	Rank	Alpha Star
Ursa Minor	the Little Bear	56	Polaris (1)
Draco	the Dragon	8	Thuban (11)
Libra	the Scales	29	Zubenelgenubi (9)
Corona Borealis	Northern Crown	73	Alphecca (5)
Scorpius	the Scorpion	33	Antares (21)
Serpens Caput	the Serpent	23	Unukalhal (24)

Messier Objects *Note: Sorted by RA*

Name	Constellation	Type	vMag	Quality	NGC	Common Name
M 102	Dra	GAL	10.2	3C	5866	Spindle
M 5	Ser	GC	5.7	1A	5904	Mel 117
M 80	Sco	GC	7.8	3B	6093	Mel 142
M 4	Sco	GC	5.9	2B	6121	Crab
M 107	Oph	GC	7.6	3C	6171	Crucifix
M 13	Her	GC	5.8	1A	6205	Mel 150
M 12	Oph	GC	7.6	2A	6218	Gumball
M 10	Oph	GC	6.4	2A	6254	Mel 157