

<b>Meeting Date</b>	Nov 14, 2021	
<b>Night Begins</b>	6:47 PM EST	<i>Note: Astronomical Twilight Ends</i>
<b>Solar Noon / Midnight</b>	12:17 EST	<i>Note: on Meeting Date</i>
<b>Moon Quarters</b>	New 11/04, First 11/11, Full 11/19, Last 11/27	
<b>Darkest Evenings</b>	10/26 - 11/09	<i>Note: 2 days before Last Quarter thru 2 days before First Quarter</i>

<b>Viewing Resources</b>	Evening Sky Maps	<a href="http://skymaps.com/">http://skymaps.com/</a>
	Astronomy Forecast	<a href="https://www.cleardarksky.com/">https://www.cleardarksky.com/</a>
	Satellite Tracking	<a href="https://www.heavens-above.com/">https://www.heavens-above.com/</a>
	Melotte Catalogue	<a href="https://en.wikipedia.org/wiki/Melotte_catalogue">https://en.wikipedia.org/wiki/Melotte_catalogue</a>

**Deep Sky** **Focus: 01 Hours RA Thru 02 Hours RA** *Note: West to East*  
**Featured Targets** *Note: Quality 1 = very easy, 5 = very hard, A = spectacular, D = detectable but featureless*

	<b>M / NGC / IC</b>	<b>Constellation</b>	<b>Type</b>	<b>vMag</b>	<b>Quality</b>	<b>Common Name</b>
<b>Asterism</b>	<b>E.T.</b>	Cas	Ast	5.0	1A	Owl, NGC 457, C 13, Mel 7 Stick figure with 2 bright stars as eyes. Mag 5 to 10
<b>Double Star</b>	<b>Gamma</b>	And	DS	2.3	1A	Almach Mag 2.4, 5.5 Sep 9.8" Bright, golden-yellow star next to a dimmer, indigo-blue star
<b>Open Cluster</b>	<b>NGC 752</b>	And	OC	5.7	1A	C 28, Mel 12 The large cluster easily seen through binoculars, A telescope reveals about 250 stars.
<b>Globular Cluster</b>	<b>None</b>					No Bright Globular Clusters North of -35 Declination in these RA
<b>Galaxy</b>	<b>NGC 891</b>	And	GAL	10.1	3A	Silver Silver, C 23 Located not far from Gamma And, edge-on unbarred spiral, central dust lane.
<b>Planetary Nebula</b>	<b>NGC 650/651</b>	Per	PLN	10.1	2B	Little Dumbbell, M76 Resembles M 27, Only Bright Planetary Nebula North of -35 Declination in these RA
<b>Emission Nebula</b>	<b>NGC 896</b>	Cas	C/N	10	4c	Heart, Fish Head Faint nebula near Double Cluster, dark site required, OIII filter will help.

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

<b>Name</b>	<b>Common Name</b>	<b>Rank</b>	<b>Alpha Star</b>
<b>Cassiopeia</b>	the Seated Queen	25	Shedar (18)
<b>Cetus</b>	the Sea Monster	4	Menkar (92)
<b>Triangulum</b>	the Triangle	78	Mothallah (2)
<b>Cepheus</b>	the King	27	Alderamin (5)
<b>Aries</b>	the Ram	39	Hamal (13)
<b>Fornax</b>	the Furnace	41	Dalim (12 Eridani)

**Messier Objects** *Note: Sorted by RA*

<b>Name</b>	<b>Constellation</b>	<b>Type</b>	<b>vMag</b>	<b>Quality</b>	<b>NGC</b>	<b>Common Name</b>
<b>M 103</b>	Cas	OCL	7.4	2B	581	
<b>M 33</b>	Tri	GAL	5.7	3A	598	Triangulum
<b>M 74</b>	Psc	GAL	9.4	4D	628	Phantom
<b>M 76</b>	Per	PLN	10.1	2B	650	Little Dumbbell
<b>M 34</b>	Per	OCL	5.2	2B	1039	Spiral Cluster
<b>M 77</b>	Cet	GAL	8.9	2C	1068	Cetus A