CAROLINA SKIES AUGUST - SEPTEMBER 2021

Hold the star chart over your head. Find north, and align your chart accordingly. You may need a flashlight, but be sure not to ruin your night vision with a bright bulb. Use a red light, or put a brown paper bag over your flashlight for a muted glow.

This chart is useful within one hour of the listed time **NOKLH** High overhead the Summer Triangle crowns our evening sky. Deneb. Altair. August 11 p.m. EDT and Vega, the three stars of the triangle, are the brightest stars in September 9 p.m. EDT each of their respective constellations, Cygnus the Swan, Aguila the Eagle, and Lyra the Harp. **Star Magnitudes** The Milky Way From a dark location, Cygnus seems to be "flying" along Zero a hazy band of light. This is the plane of the Milky Way 1st 2nd Galaxy, the "city" of stars to which all stars visible in 3rd our sky belong. The center of the Milky Way Big Dipper resides in the constellation of Sagittarius the Archer, which looks like a teapot. CEPHEUS CASSIOPEIA Brilliant **Venus** shines prominently in the west after the Sun goes down. It's fairly low in the ANDROMEDA sky, and best seen before the end of The Andromeda BOÖTES Galaxy (M31) evening twilight from a location with a relatively flat, unobstructed western horizon. The strikingly bright planet sets roughly two hours or less after sunset. LYRA Great Square CORONA BOREALIS WEST of Pegasus Yellowish, ringed **Saturn** and the giant **CYGNUS** planet **Jupiter** are seen in the southeast as darkness falls. Jupiter is the brighter of the two and is a bit to Saturn's east. The HERCULES duo trek westward in the sky as night PEGASUS advances and remain visible until well past midnight. Mercury and Mars aren't AOUILA easily seen now. For an online hub of resources for you to Jupiter Venus (Sept. 25) enjoy at home, check out Morehead At Home - https://moreheadplanetarium.org/explore/ Saturn morehead-at-home/ **Moon Phases** 8/8, 9/6 8/15, 9/13 SCORPIUS **Skywatching Sessions:** \bigcirc 8/22, 9/20 8/30, 9/28 SAGITTARIUS In-person skywatching is back! Check our Skywatching webpage for upcoming events: http://moreheadplanetarium.org/skywatching **MOREHEAD** PLANETARIUM+ SCIENCE CENTER **SOUTH**