

Sky Highlights for July

July 6	Full Moon. Known as the Hay or Thunder Moon
July 11	Jupiter and Neptune $_{\text{ }^{\circ}}$ apart
July 13	Mercury at superior conjunction
July 15	Last quarter moon
July 21	New moon. Total solar eclipse, visible from India and China.
July 28	First quarter moon Peak of Delta Aquarid meteor shower

Planets Visible This Month

Mercury— Barely visible at dusk at month's end at magnitude -1.4

Venus—Rises 3 hours before sunrise. Magnitude -4.1

Mars— Magnitude +1.0, rising 3_ hours before sunrise

Jupiter— At magnitude -2.8 in Capricornus. **See note below**

Saturn— Sinking lower in the west at magnitude 1.1. At the beginning of the month, the rings are tipped 2.7° , but only 1.9° by month's end

NOTES:

On July 23, Jupiter will rise with Io and Europe appearing to be almost touching. For the rest of the night, the two moons and Callisto will play tag with each other.